



Appendix K: Test Data for E-UTRA Band 41

Product Name: Smart POS

Test Model: WIZARPOS Q3

Environmental Conditions

Temperature:	25.2°C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun





K.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.20	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.14	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.26	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.23	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.18	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.11	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.51	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.79	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.70	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.12	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.69	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.14	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.67	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.91	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.35	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.23	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.25	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.93	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.35	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.15	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.35	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.72	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.38	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.74	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.25	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.52	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.25	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.65	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.36	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.16	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.34	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.14	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.46	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.18	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.53	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.75	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.55	PASS





Band41	5MHz	16QAM	41565	12RB#6	21.76	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.51	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.69	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.43	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.91	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.40	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.30	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.37	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.30	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.50	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.42	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.37	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.68	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.38	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.68	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.41	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.45	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.01	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.54	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.64	PASS
Band41	10MHz	16QAM	40620	1RB#0	24.42	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.50	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.44	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.52	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.37	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.35	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.71	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.37	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.68	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.27	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.52	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.20	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.56	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.56	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.33	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.60	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.35	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.64	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.31	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.40	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.77	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.41	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.77	PASS





Band41	10MHz	QPSK	41540	25RB#25	22.47	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.74	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.47	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.77	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.35	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.36	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.42	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.37	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.50	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.41	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.42	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.42	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.41	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.41	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.41	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.10	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.10	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.61	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.56	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.53	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.49	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.43	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.42	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.32	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.35	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.35	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.35	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.35	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.35	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.36	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.36	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.70	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.62	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.41	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.59	PASS
Band41	15MHz	16QAM	41515	1RB#38	23.39	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.50	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.22	PASS
Band41	15MHz	QPSK	41515	38RB#0	22.45	PASS
Band41	15MHz	16QAM	41515	38RB#0	22.45	PASS
Band41	15MHz	QPSK	41515	38RB#18	22.46	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.46	PASS
Band41	15MHz	QPSK	41515	38RB#37	22.24	PASS





Band41	15MHz	16QAM	41515	38RB#37	22.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.79	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.04	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.50	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.08	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.49	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.14	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.80	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.42	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.56	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.12	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.59	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.17	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.64	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.07	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.60	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.12	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.45	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.09	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.14	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.01	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.02	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.43	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.01	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.50	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.01	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.34	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.84	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.37	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.75	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.47	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.53	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.45	PASS
Band41	20MHz	16QAM	41490	1RB#49	23.48	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.29	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.44	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.52	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.04	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.53	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.05	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.36	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.75	PASS





Band41	20MHz	QPSK	41490	100RB#0	22.35	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.70	PASS





K.2 Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.36	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.76	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.10	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.62	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.39	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.36	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.10	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.67	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.41	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.74	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.00	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.86	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.38	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.92	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.12	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.71	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.41	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.71	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.91	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.88	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.49	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.94	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.06	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.81	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.40	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	9.26	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.35	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.89	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.37	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.60	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.30	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.65	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.27	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.57	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.48	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.64	13	PASS



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Scan code to check authenticity

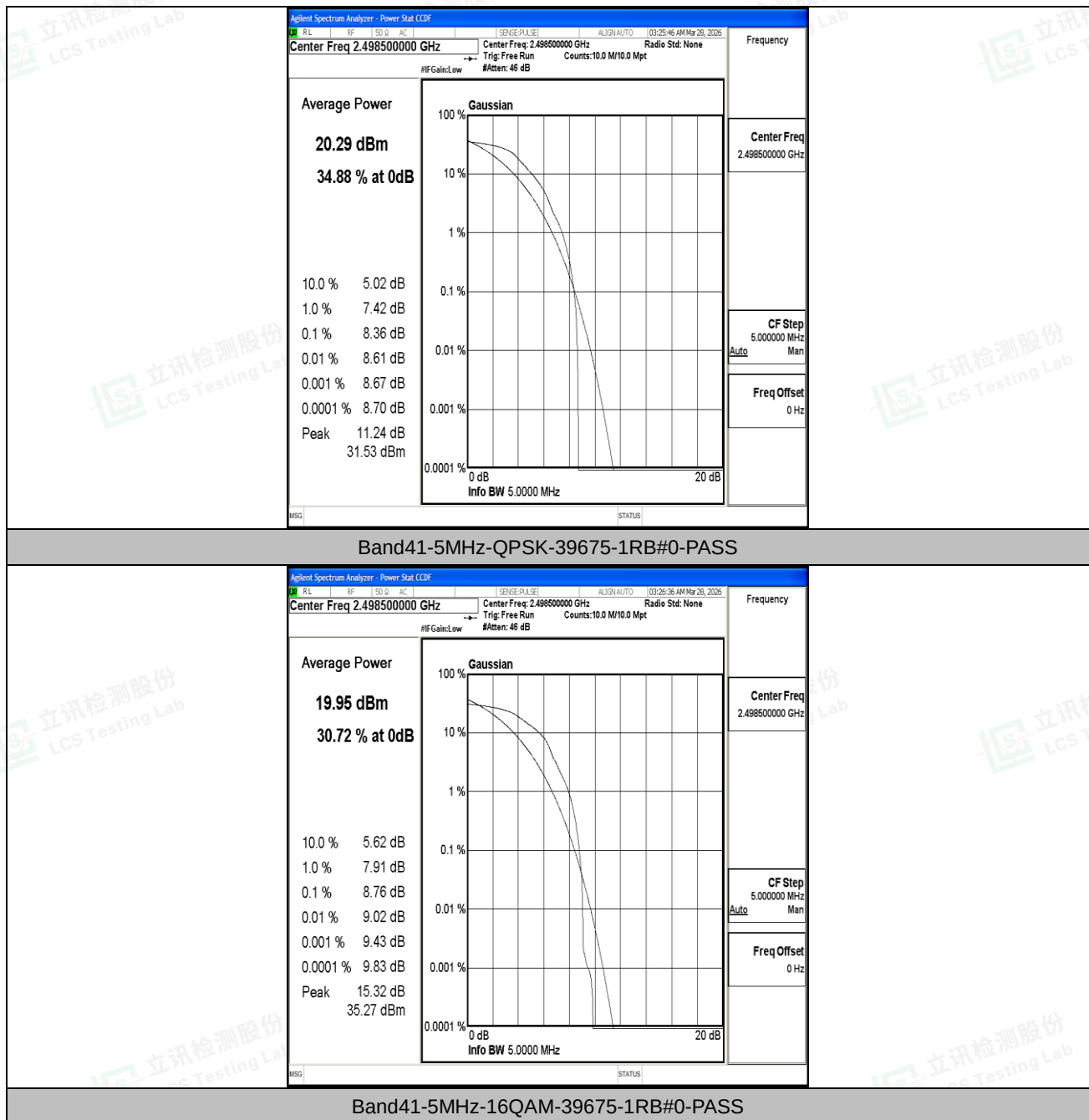


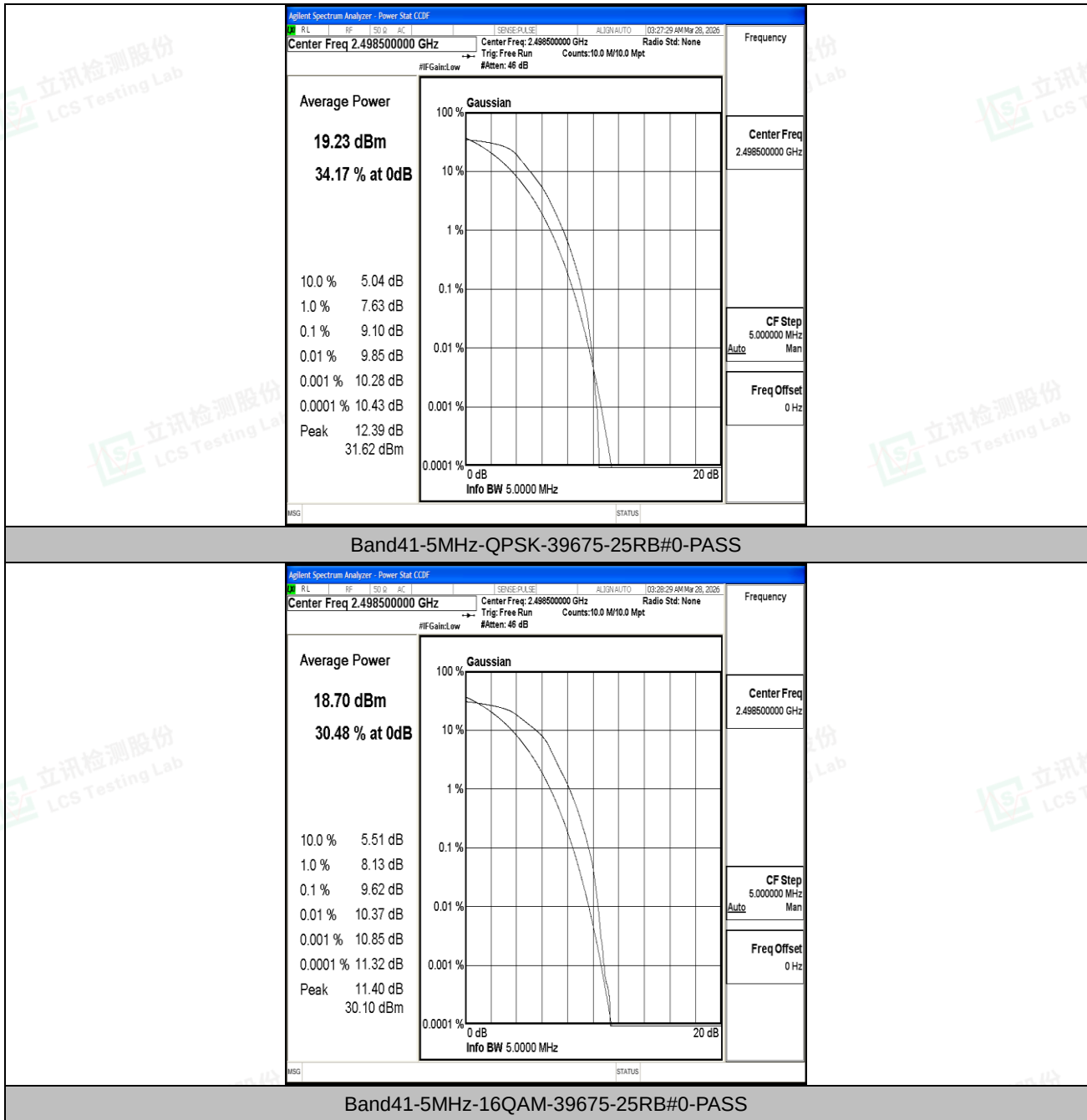
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Band41	20MHz	16QAM	39750	100RB#0	9.56	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.05	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.44	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.93	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.73	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.60	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.20	13	PASS
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Band41	20MHz	16QAM	41490	100RB#0	9.61	13	PASS

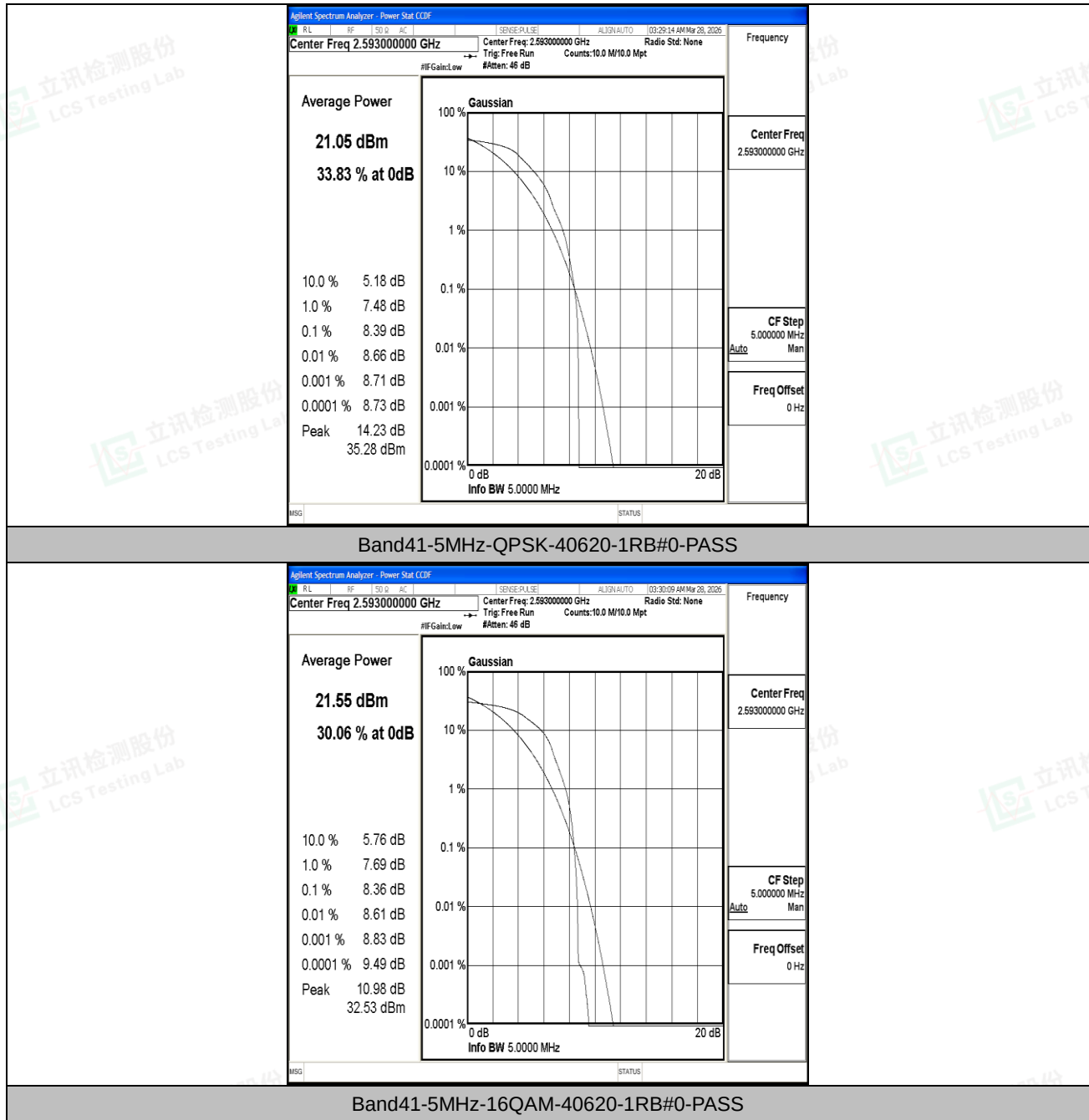


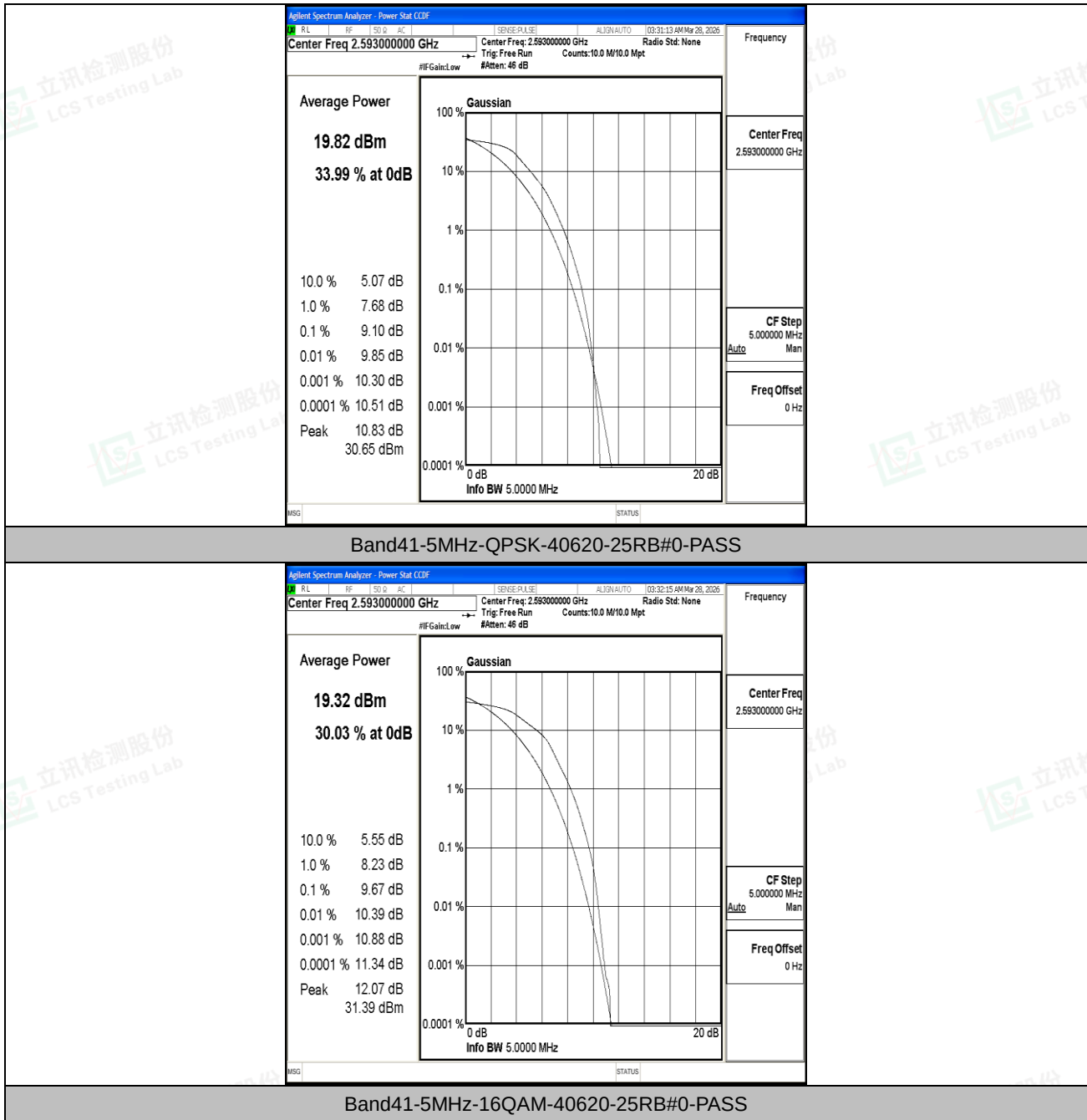


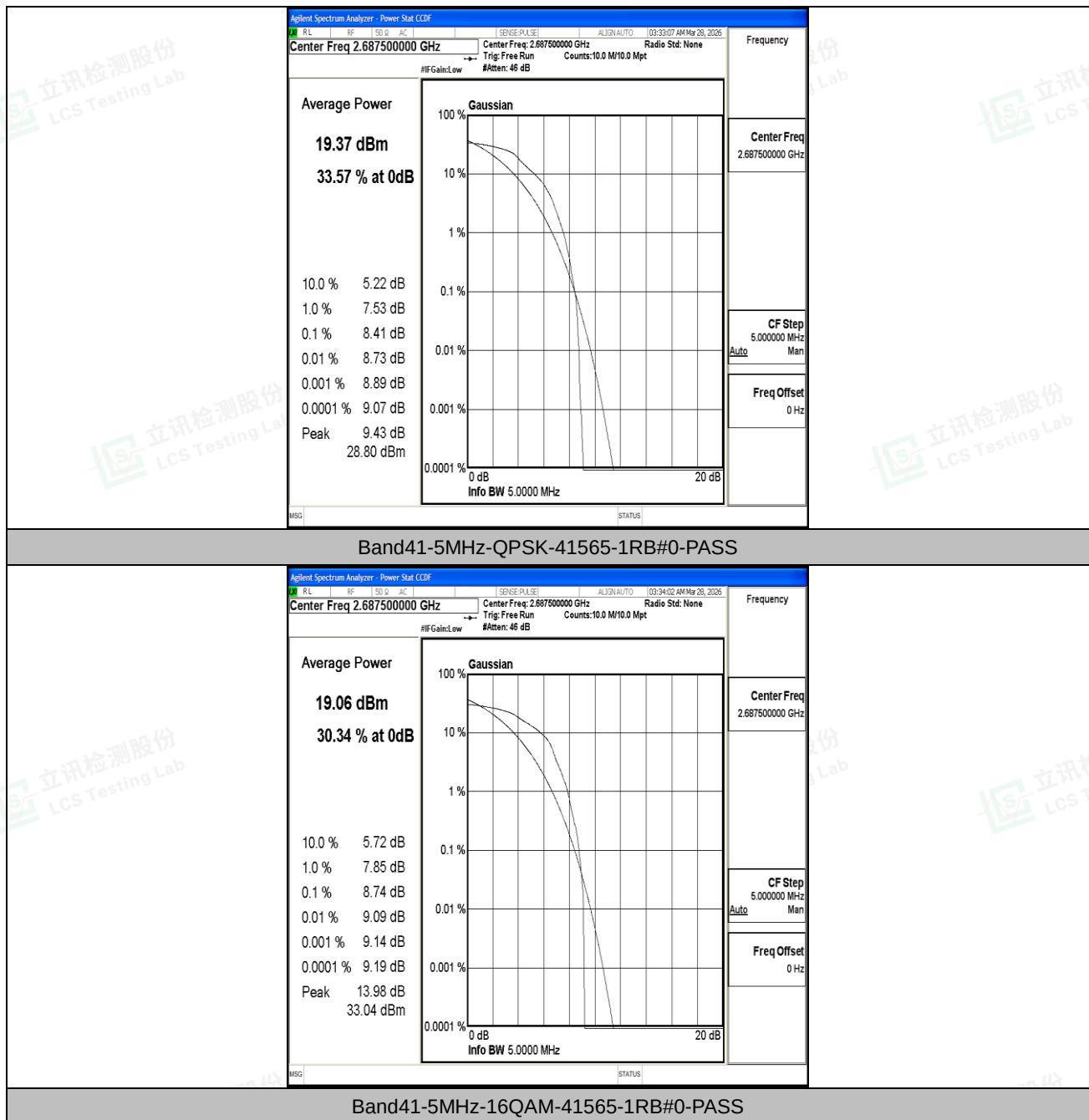
Test Graphs

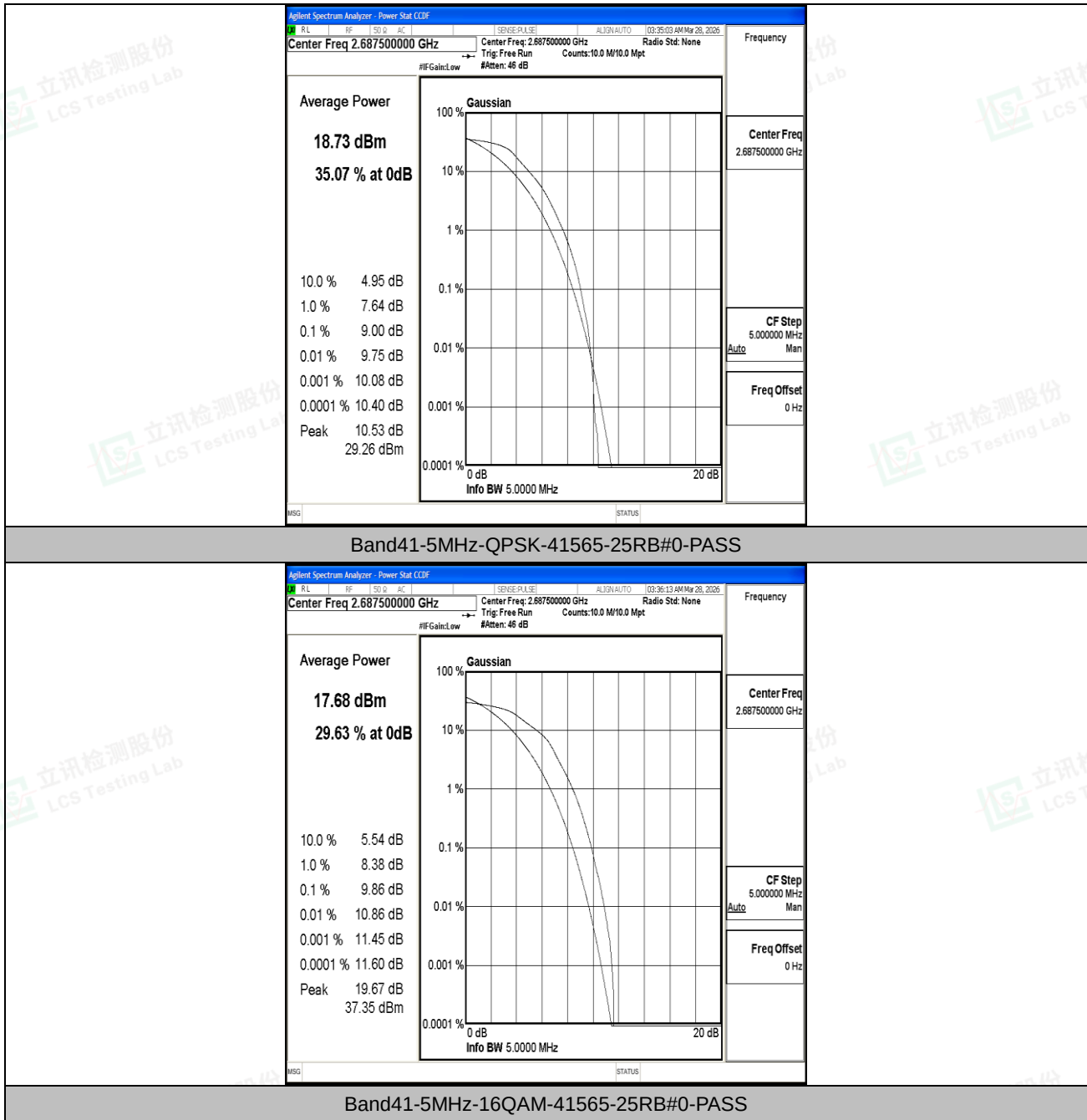


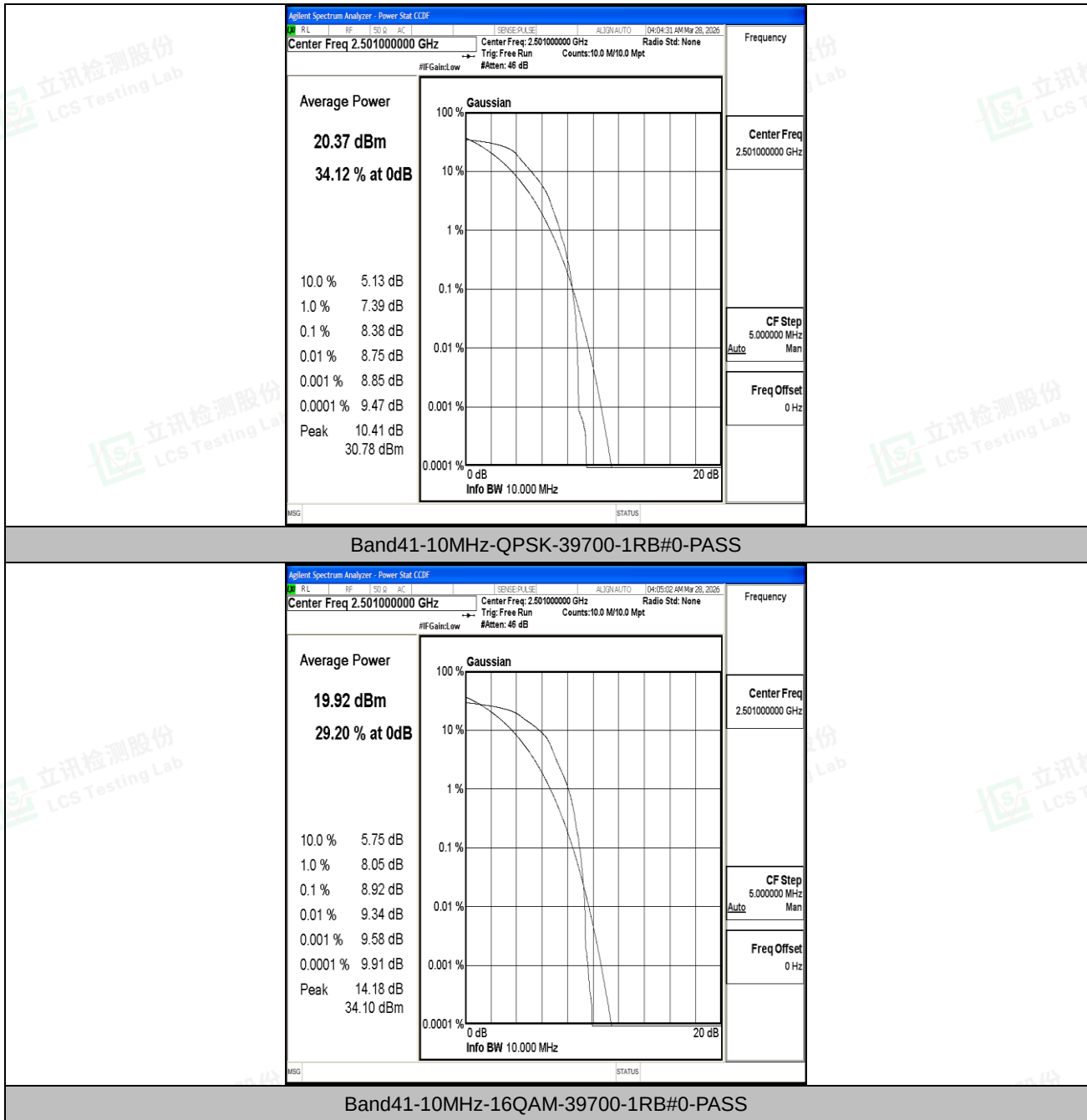


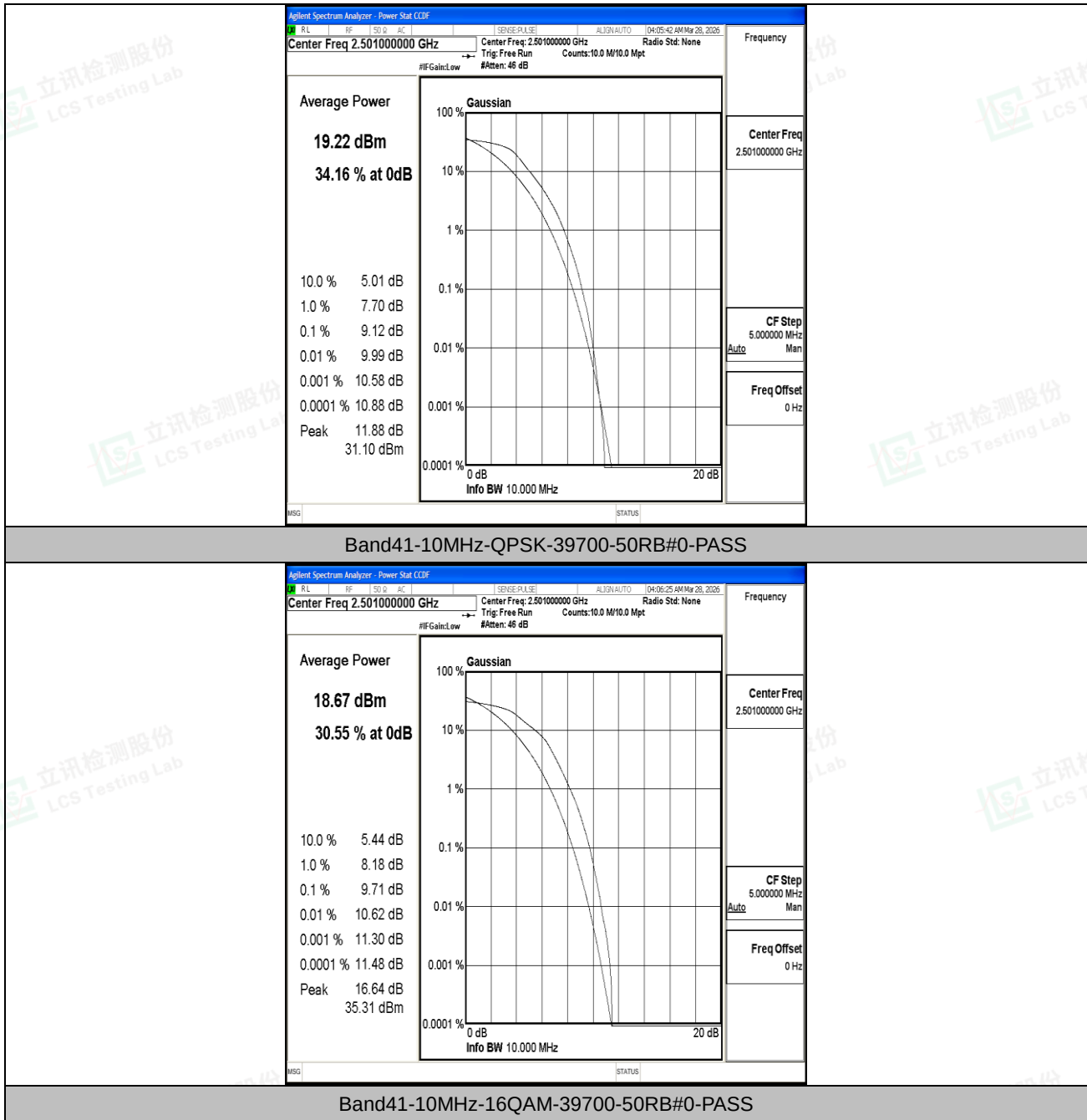


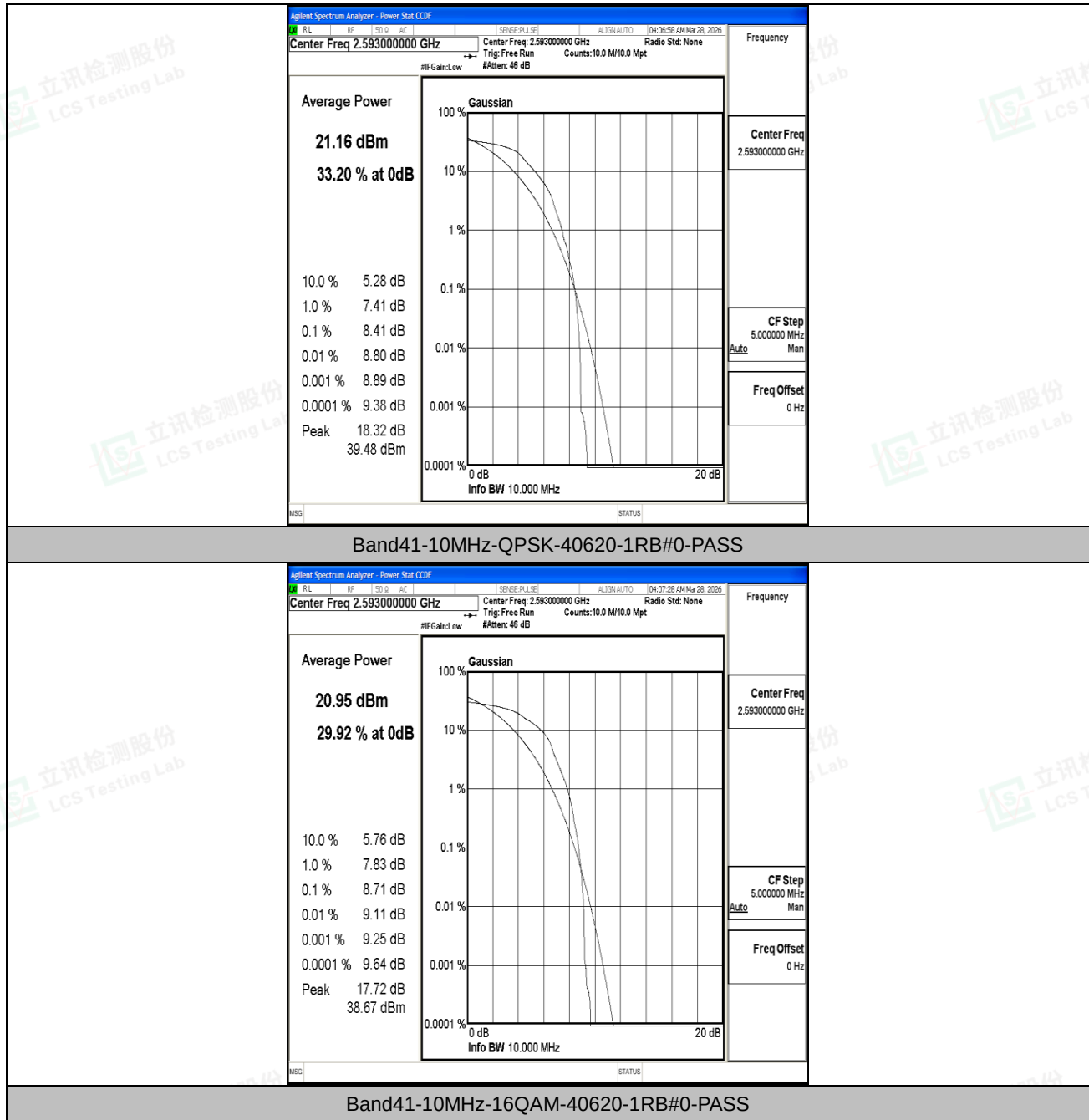


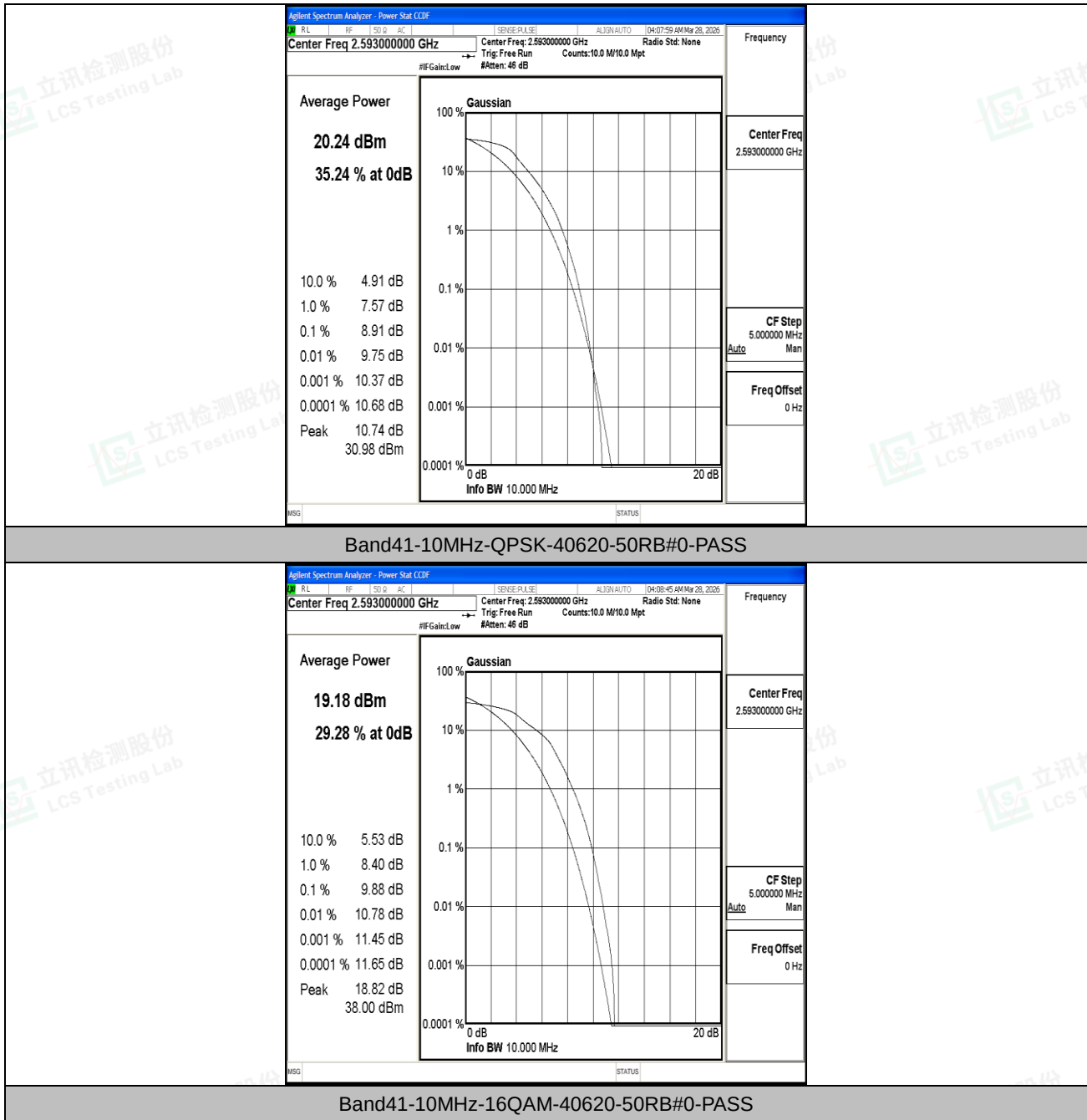


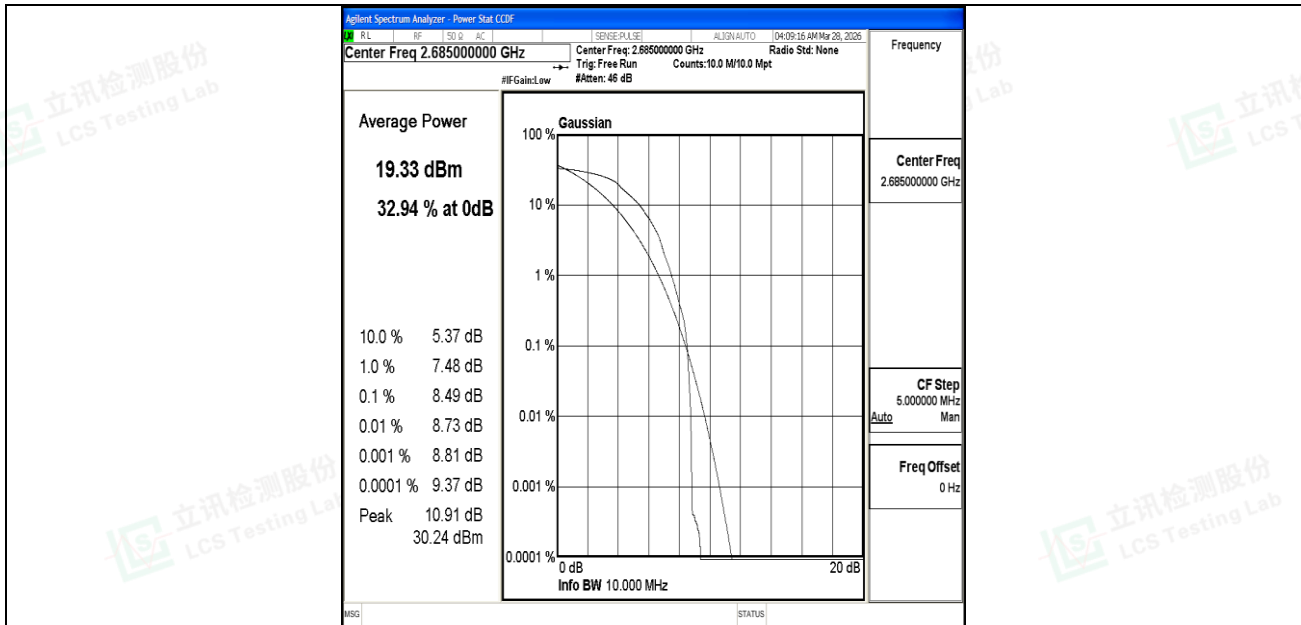




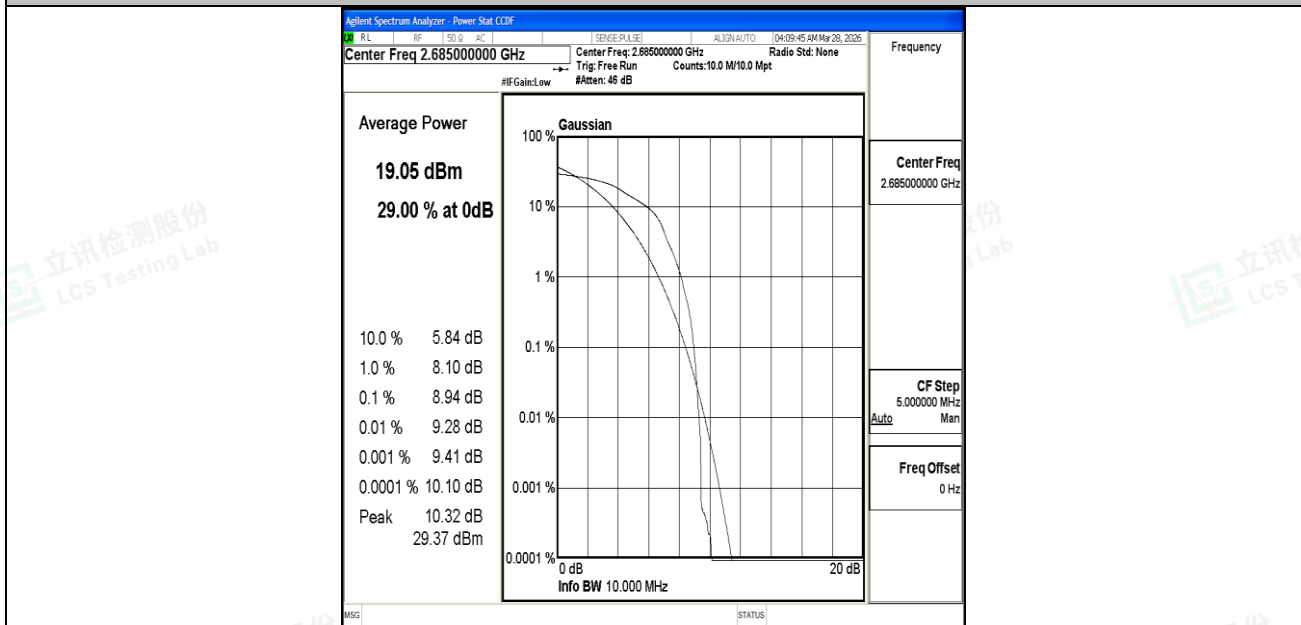






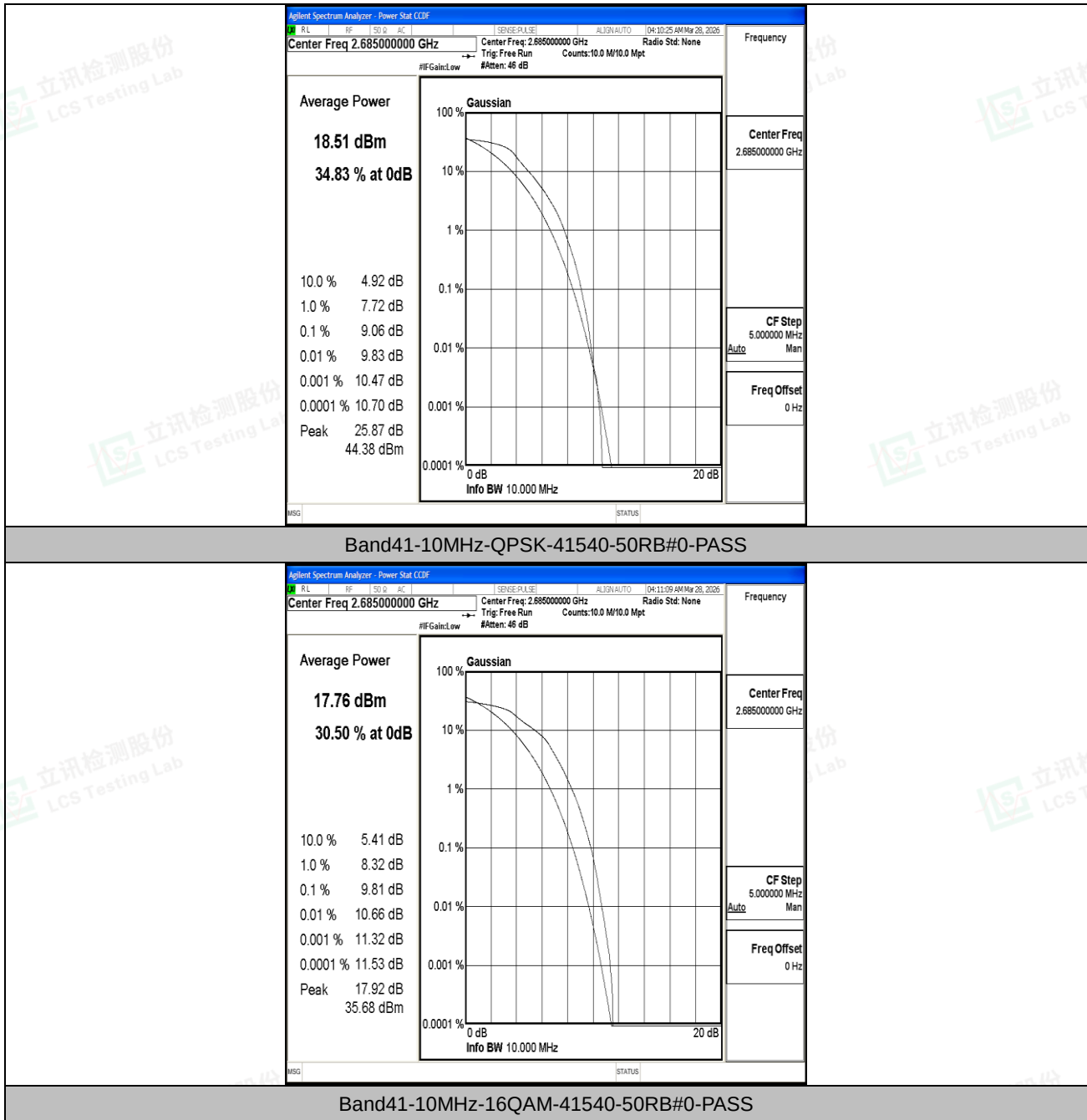


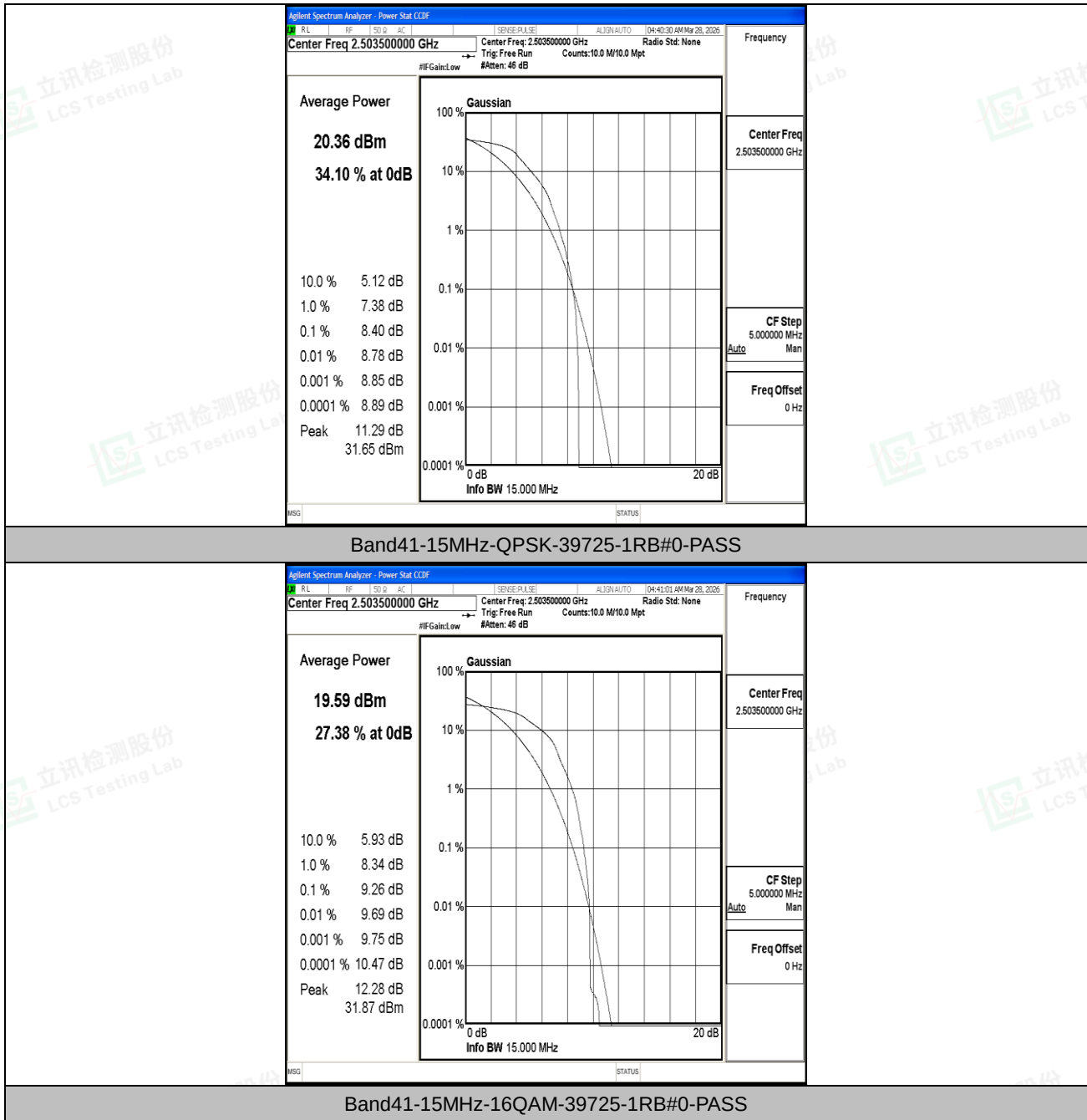
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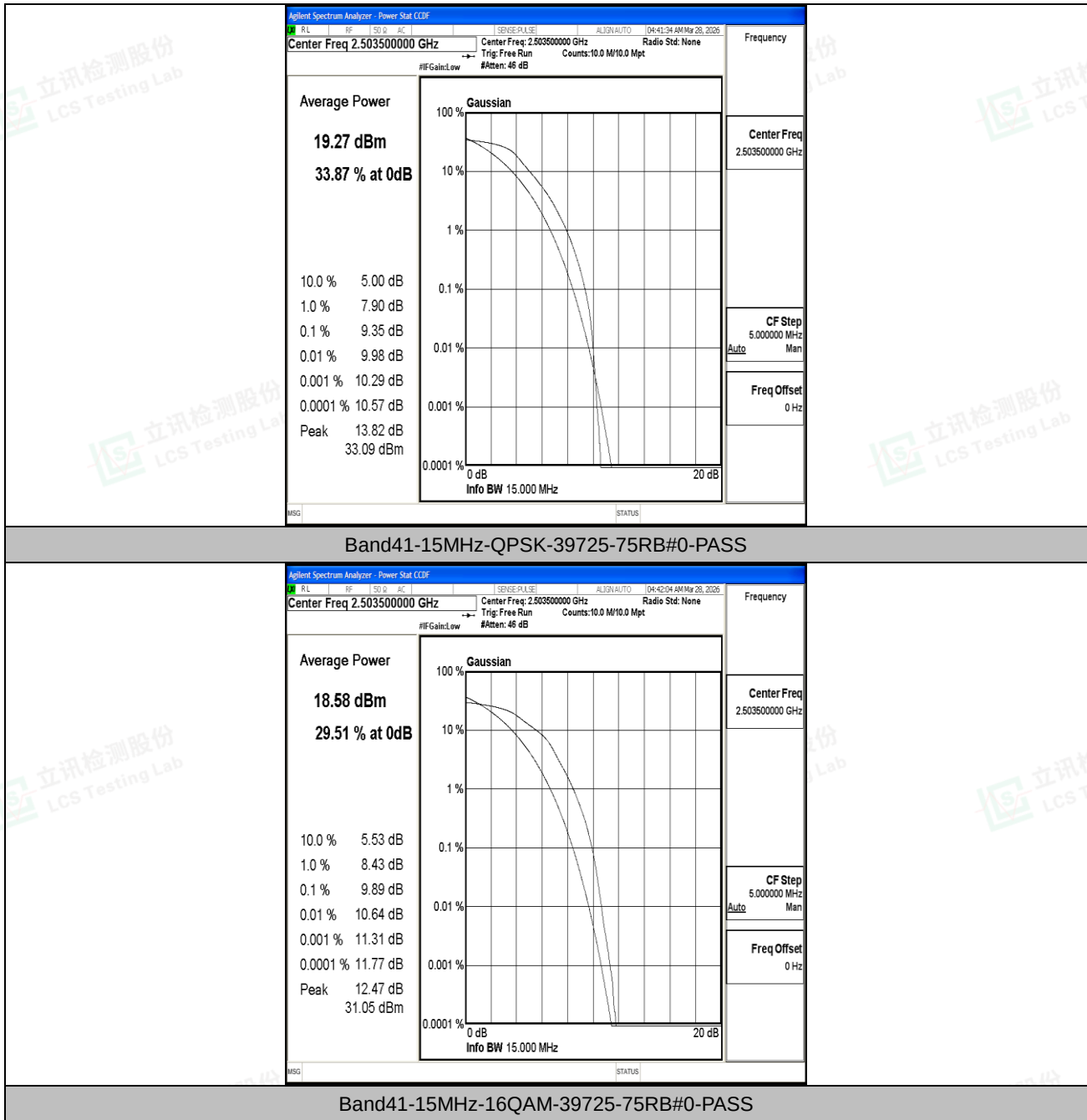


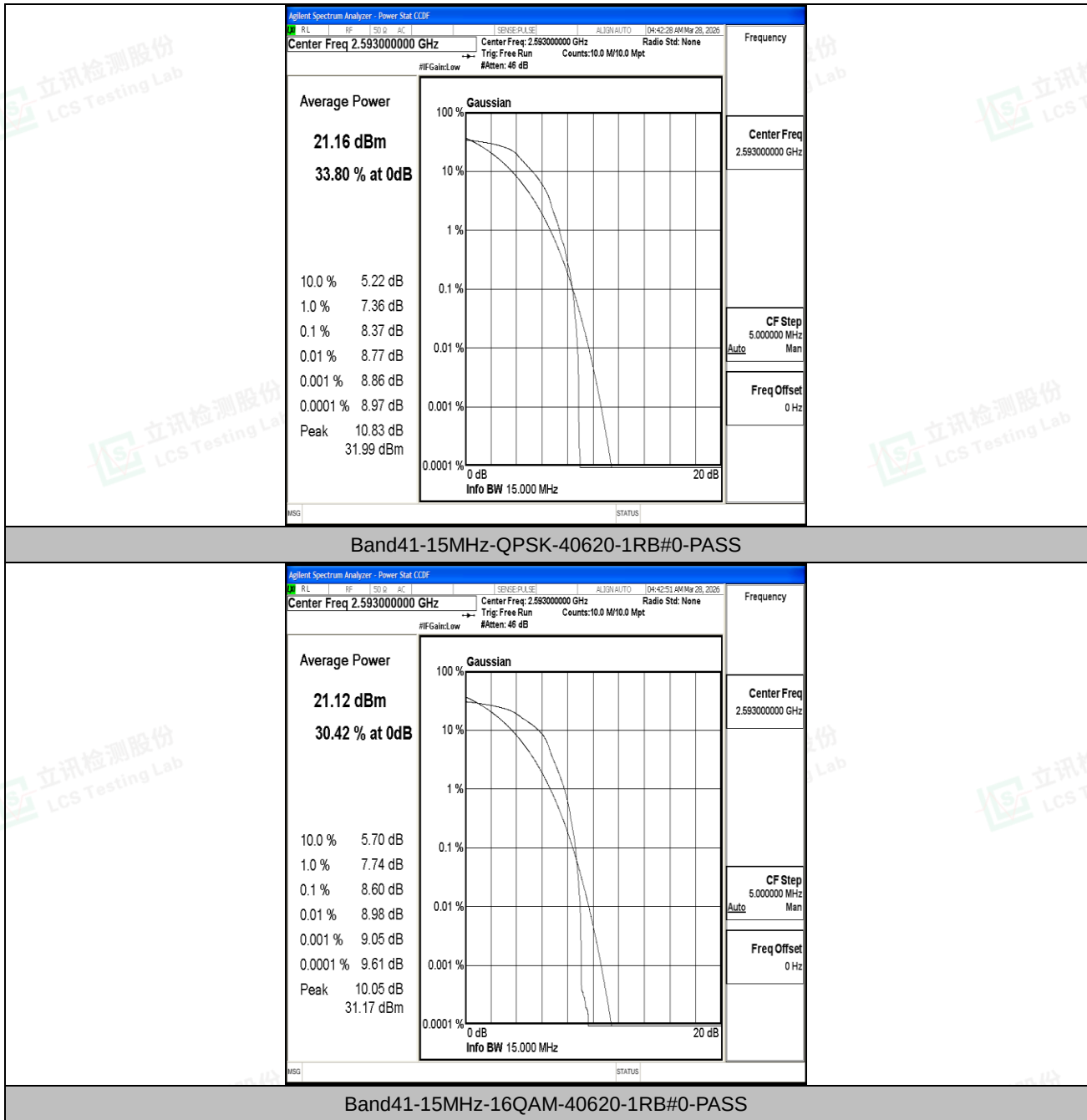
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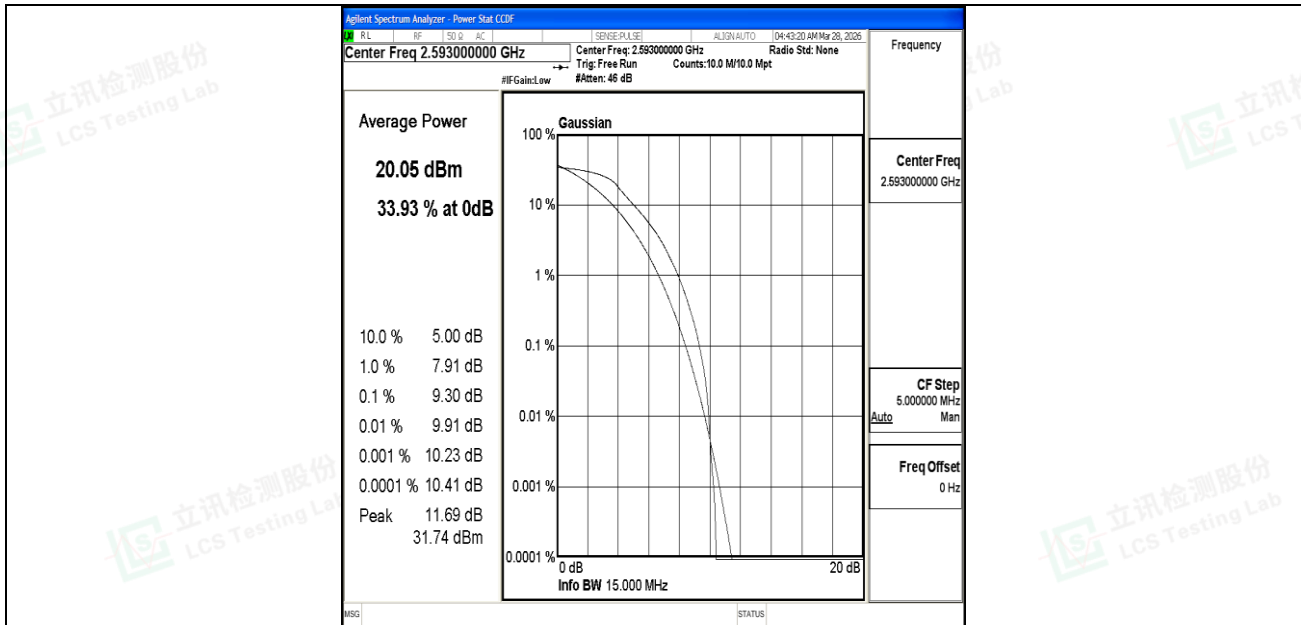




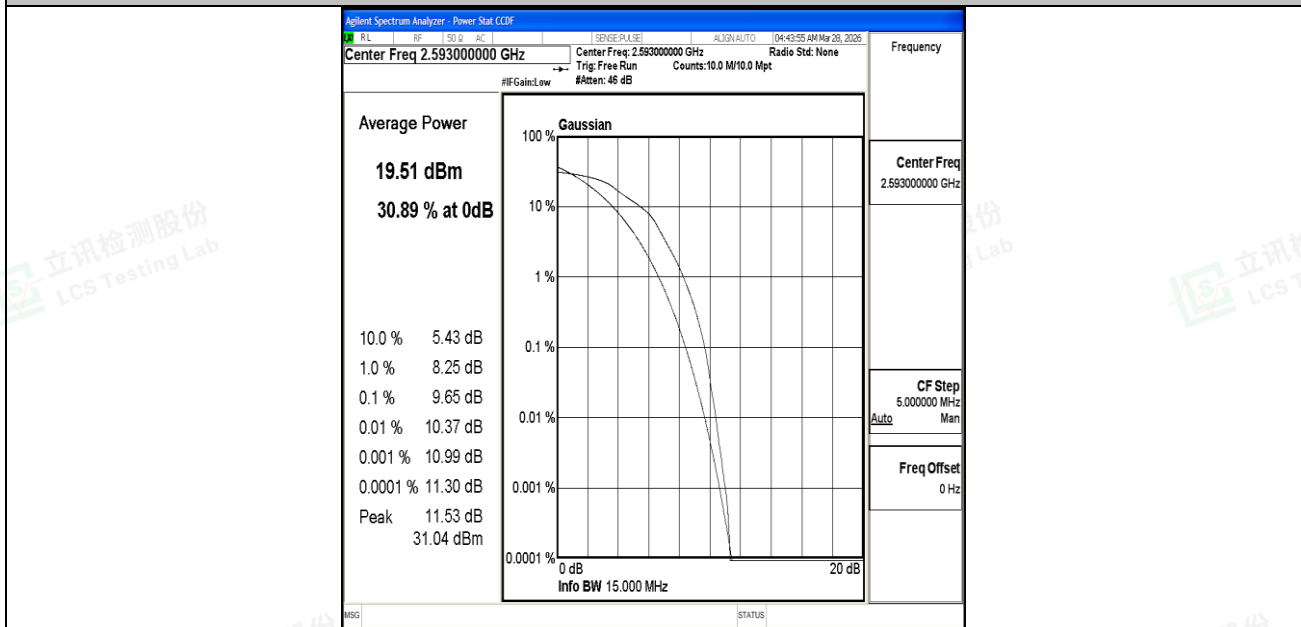






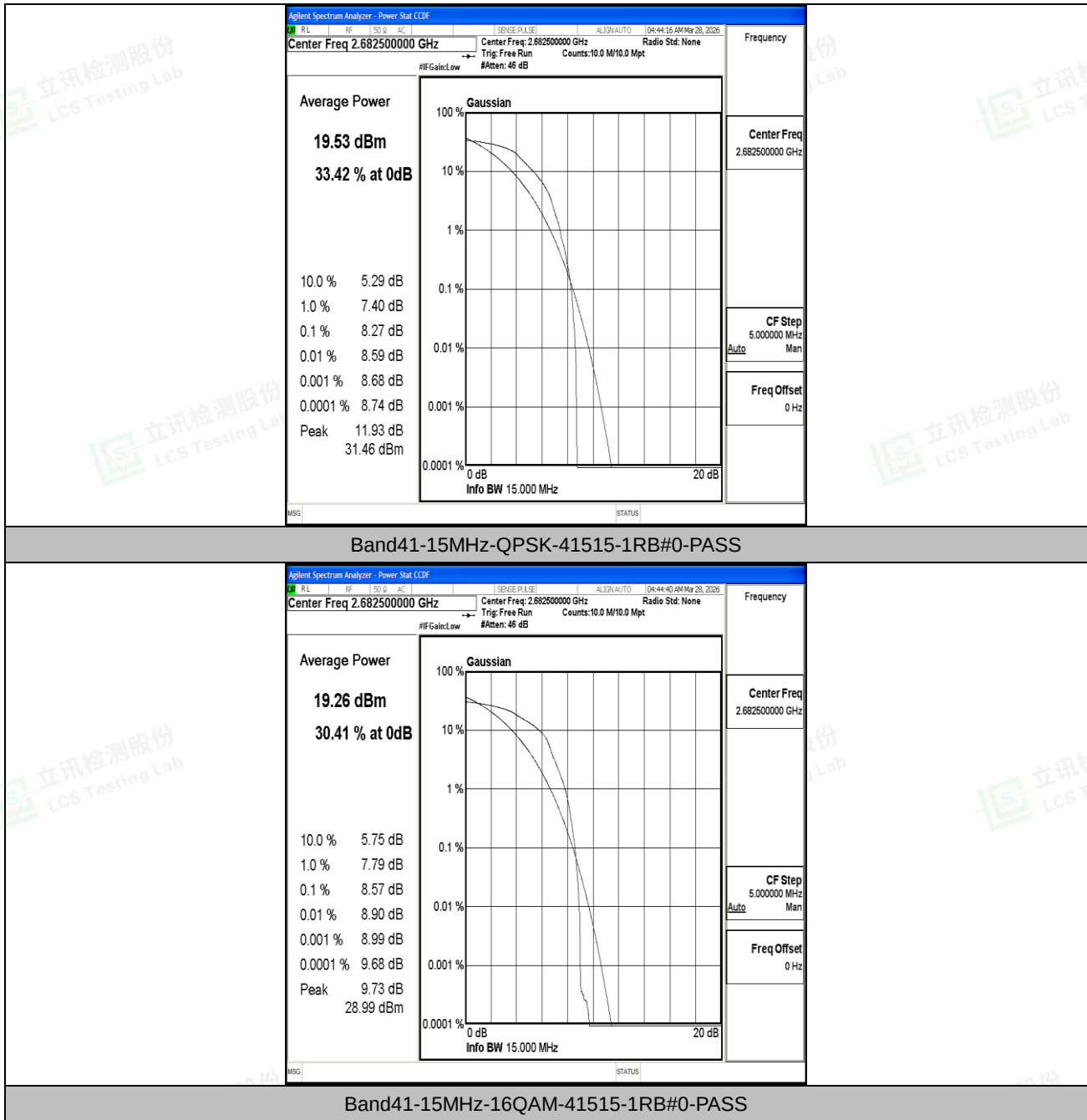


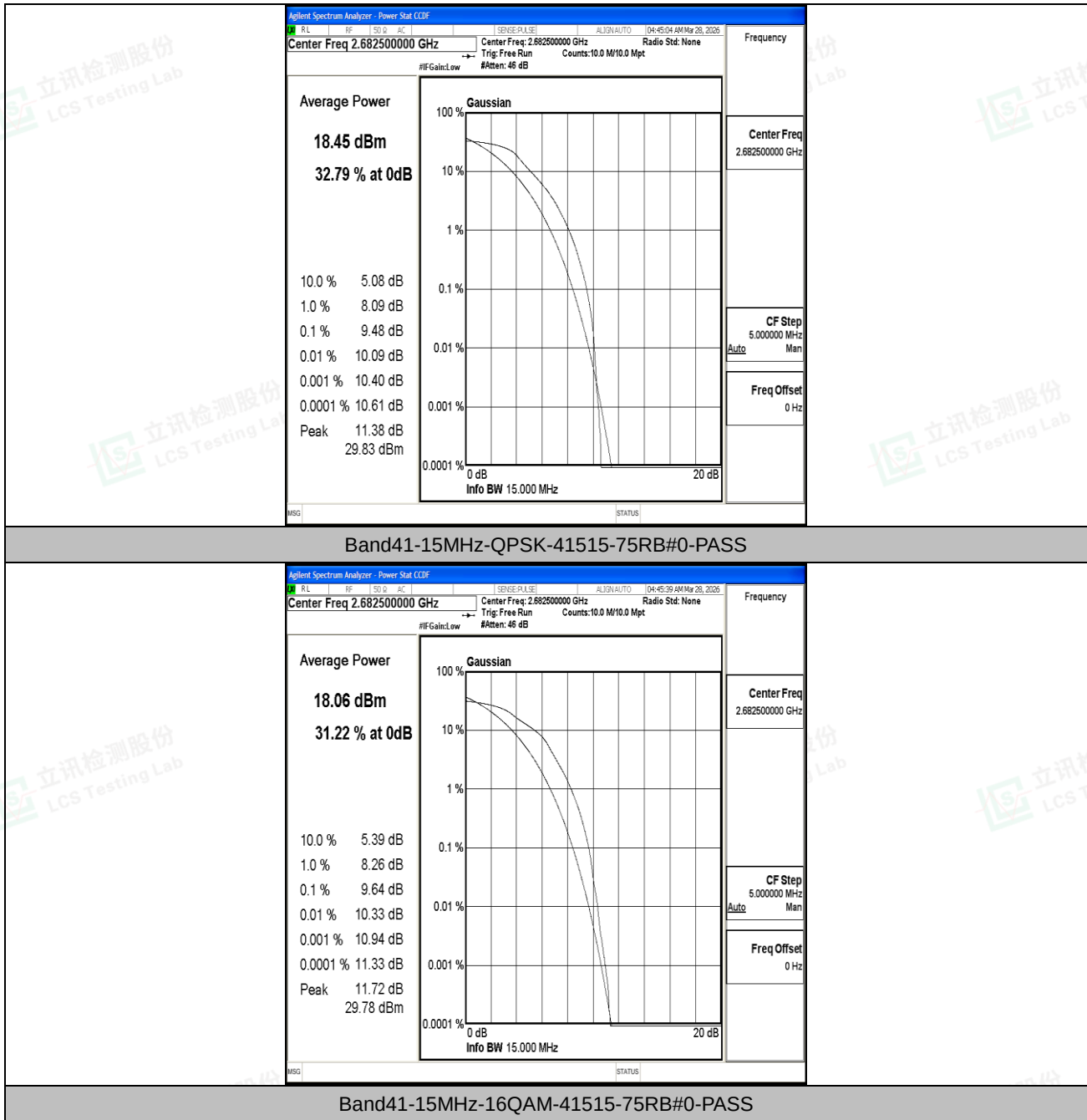
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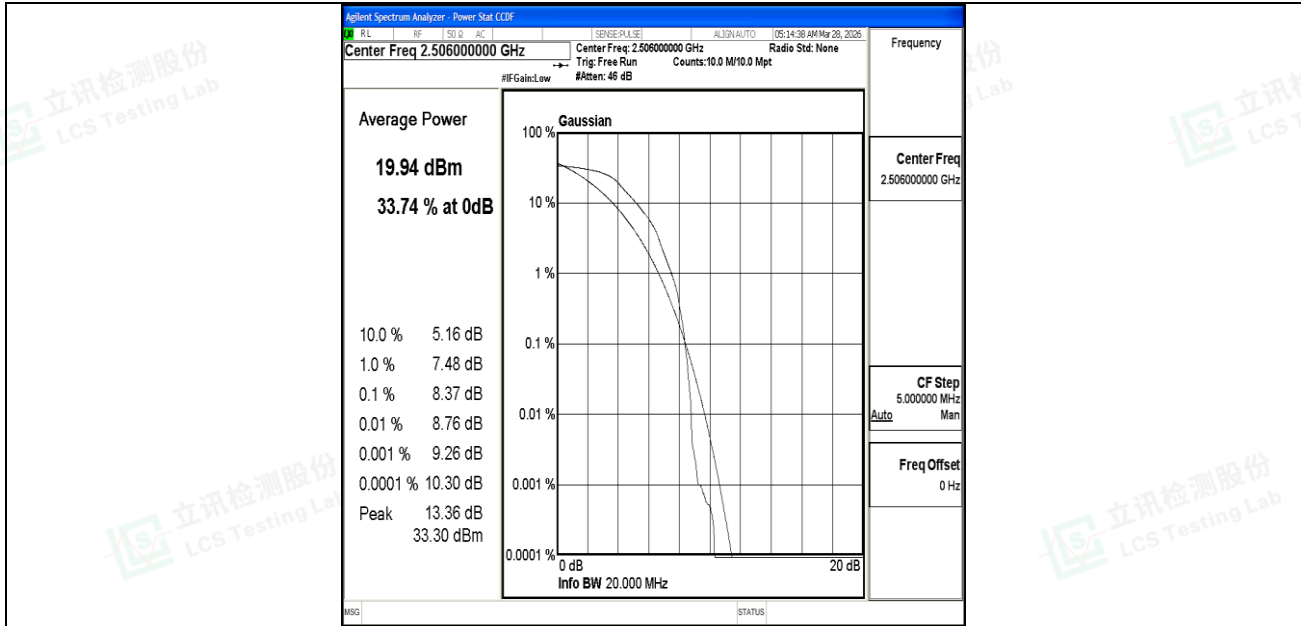


Band41-15MHz-16QAM-40620-75RB#0-PASS

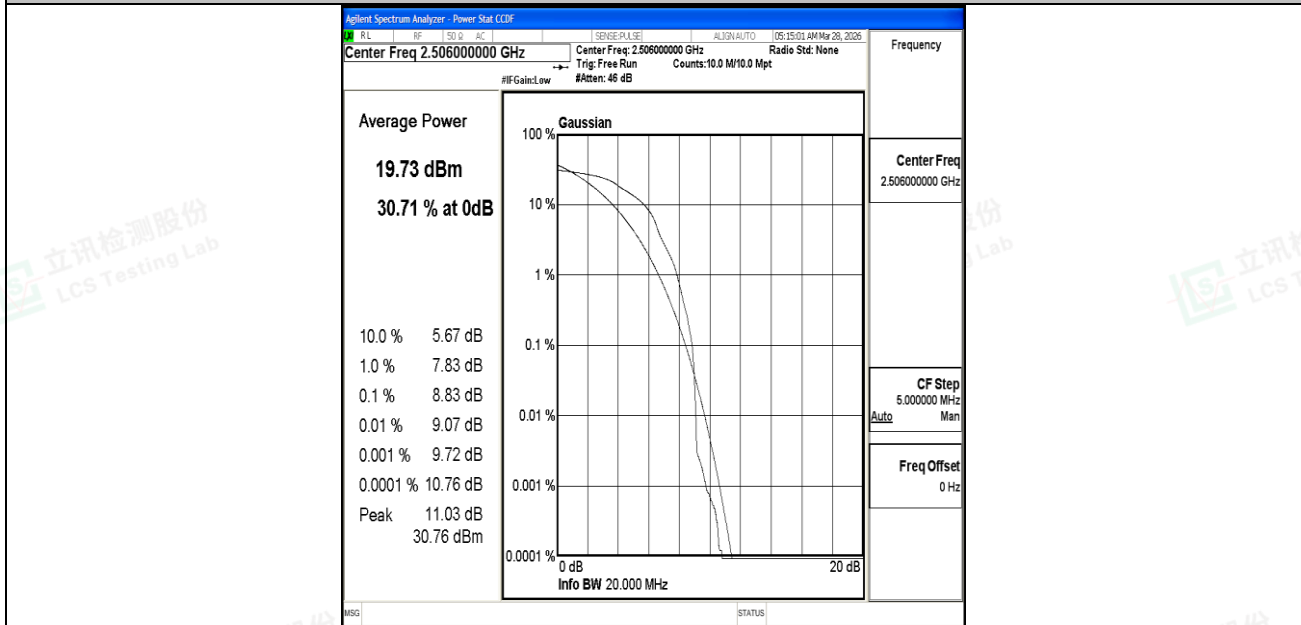






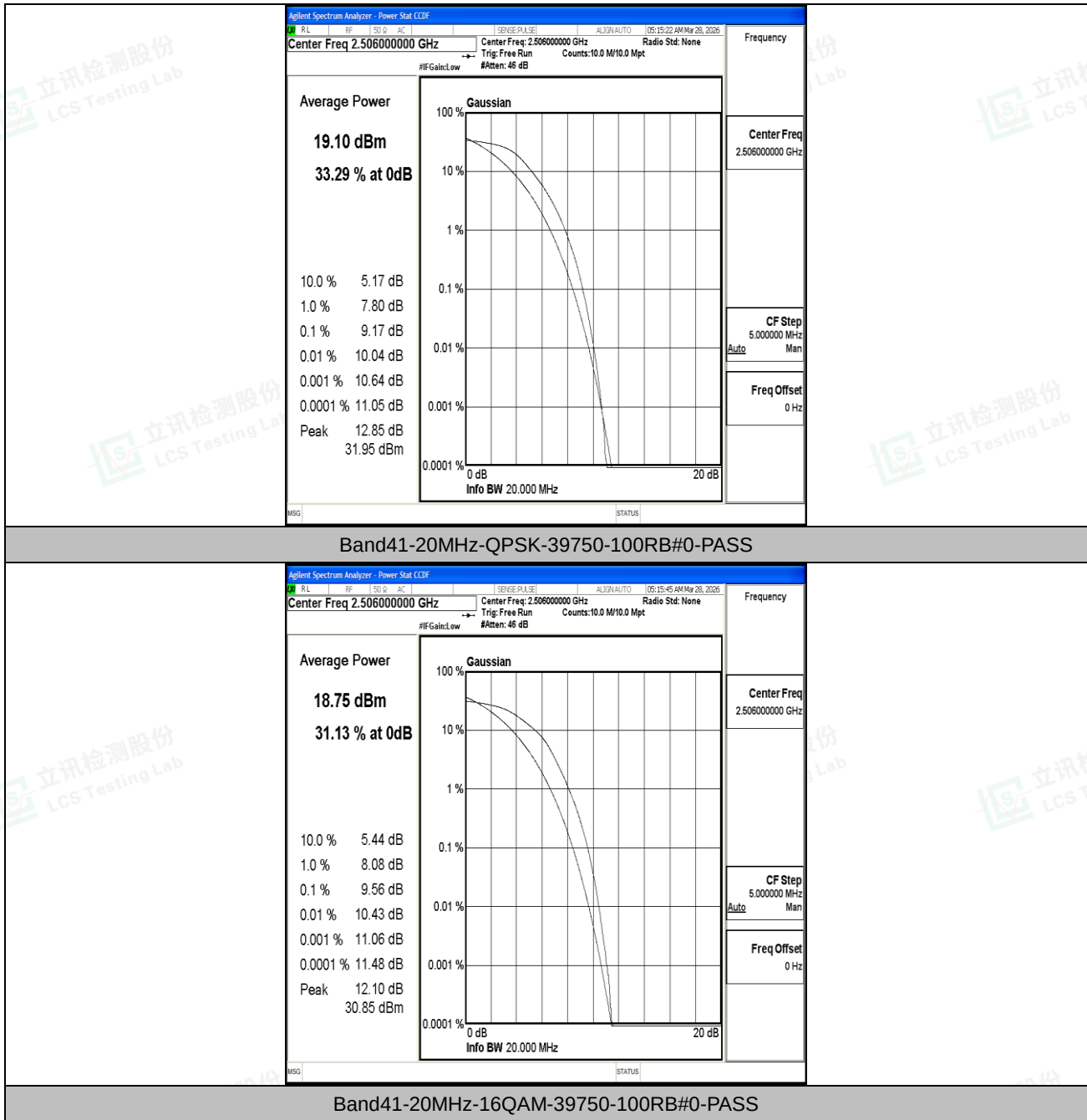


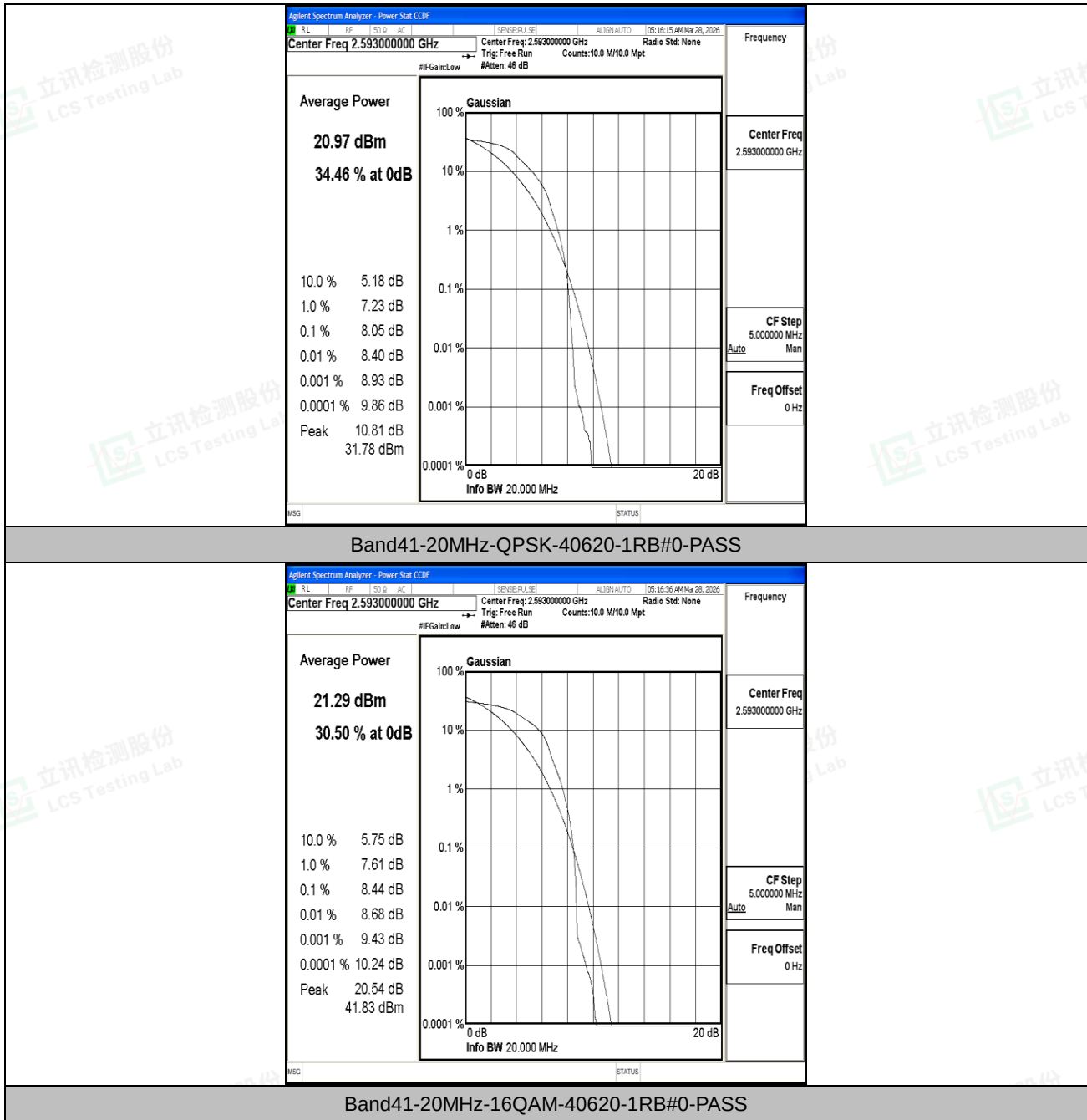
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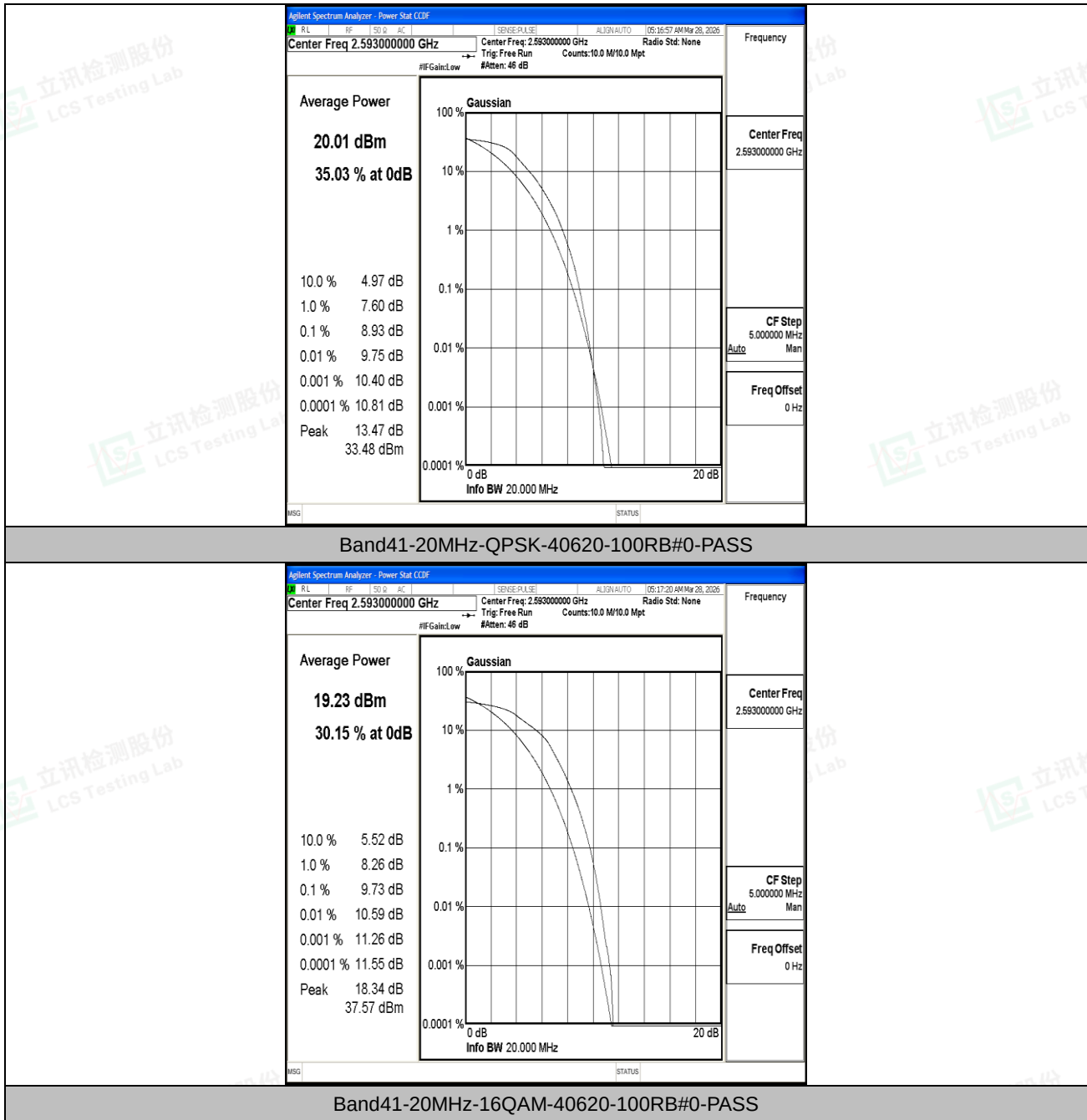


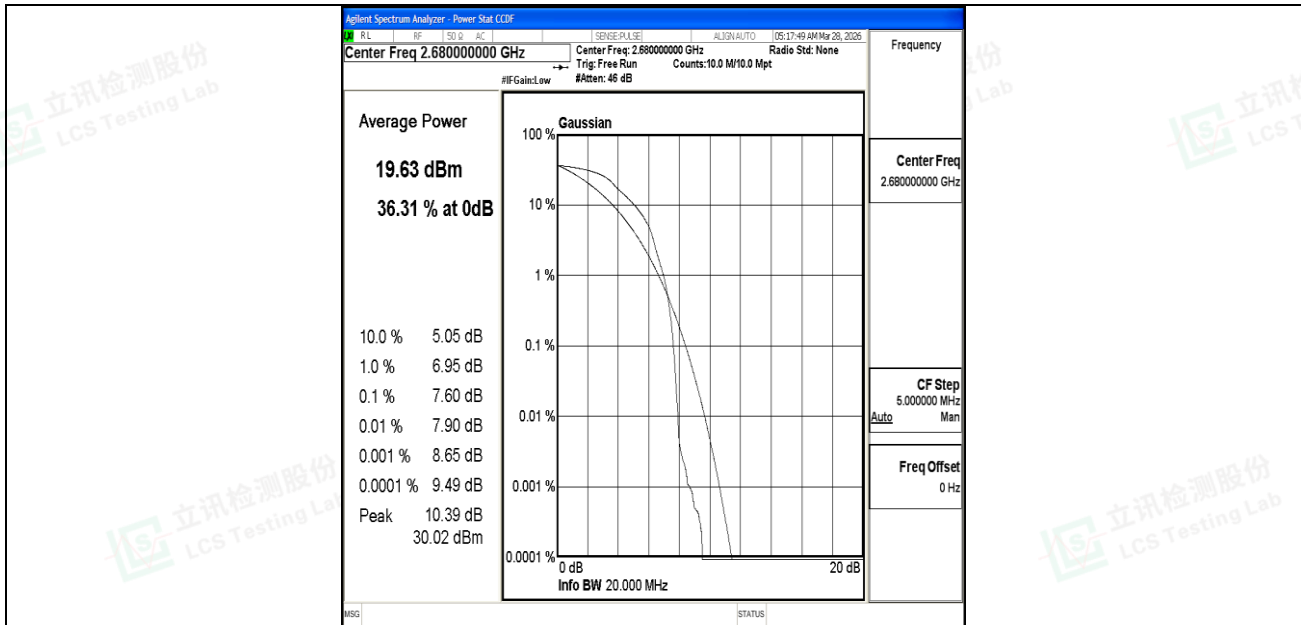
Band41-20MHz-16QAM-39750-1RB#0-PASS



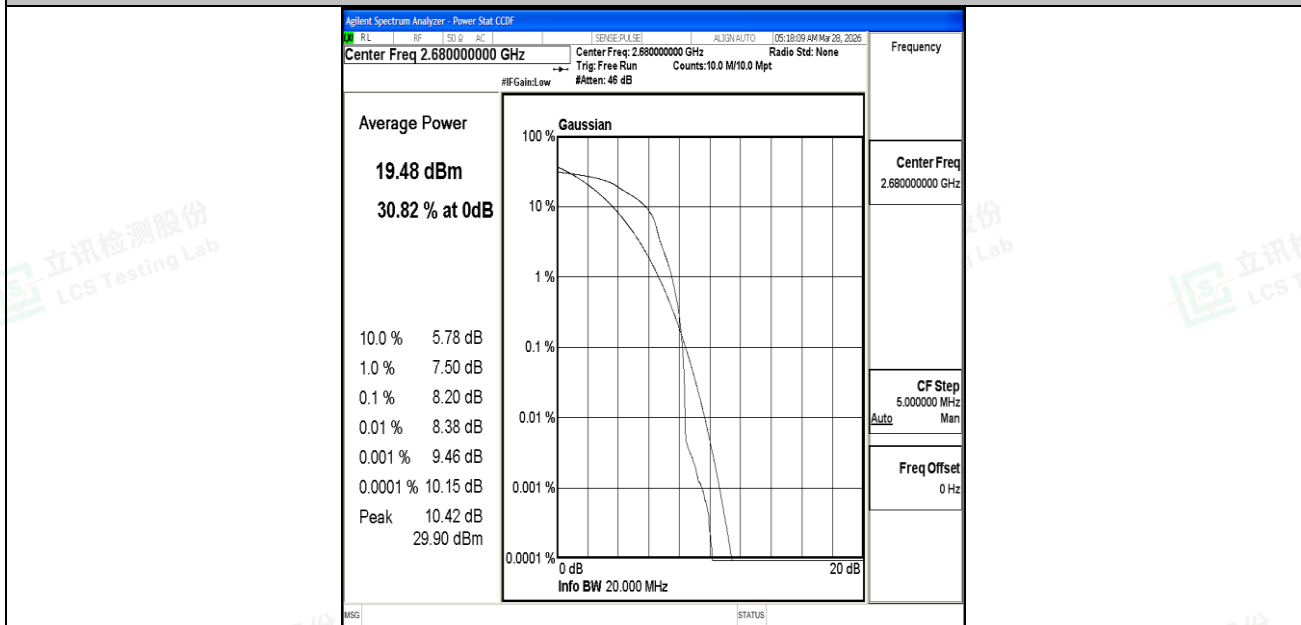






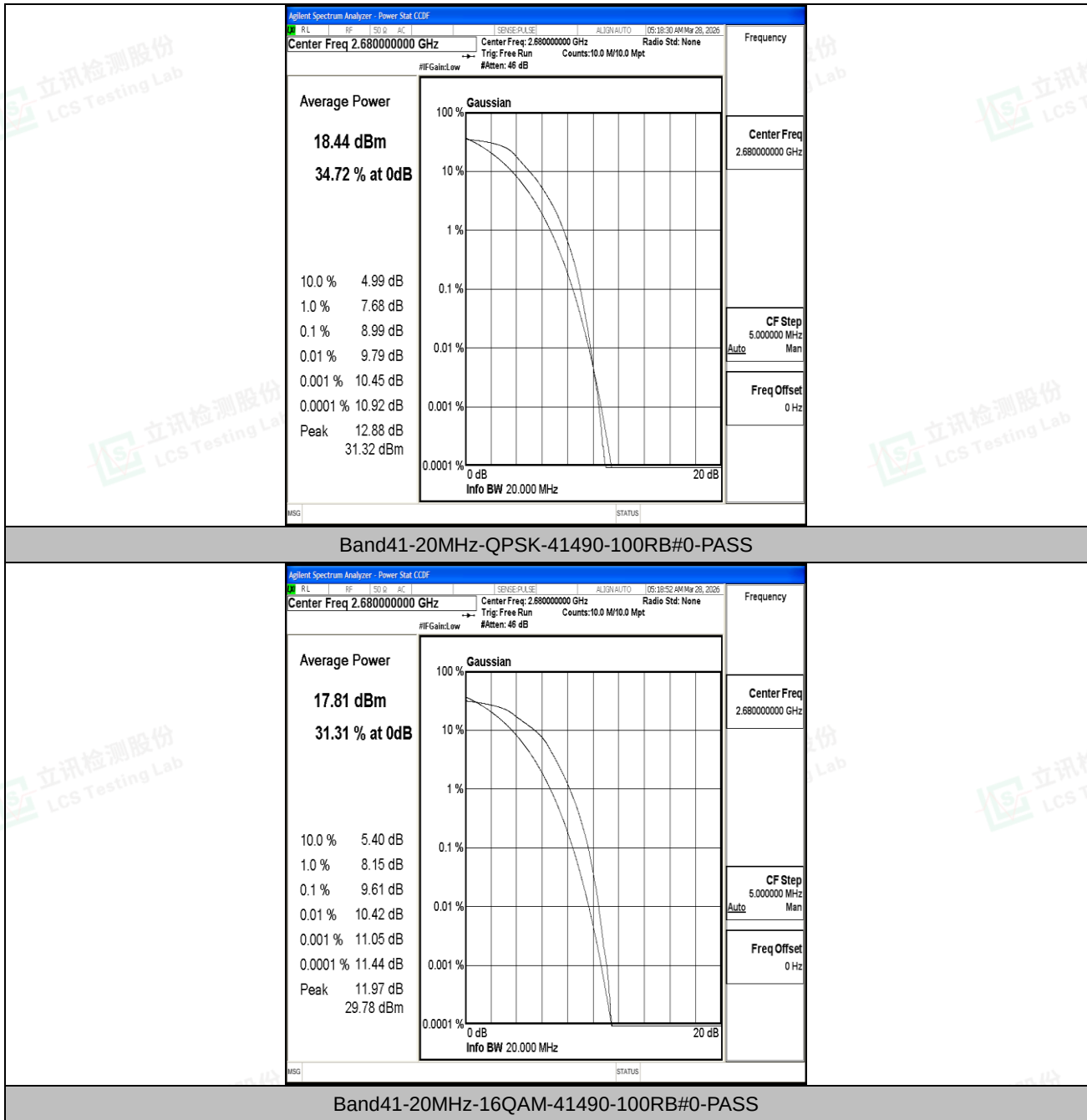


Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS







K.3 26dB Bandwidth and Occupied Bandwidth

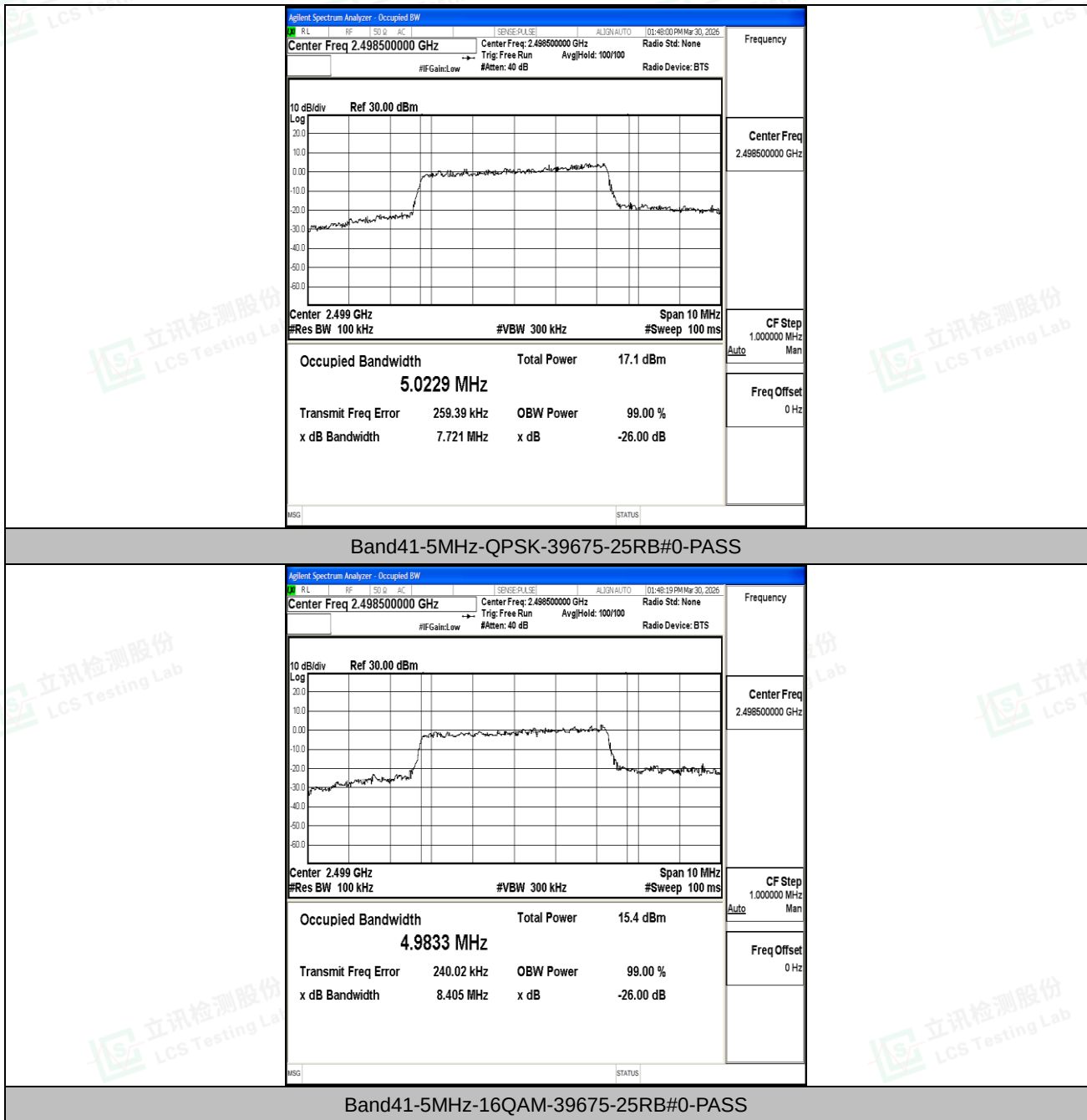
Test Result

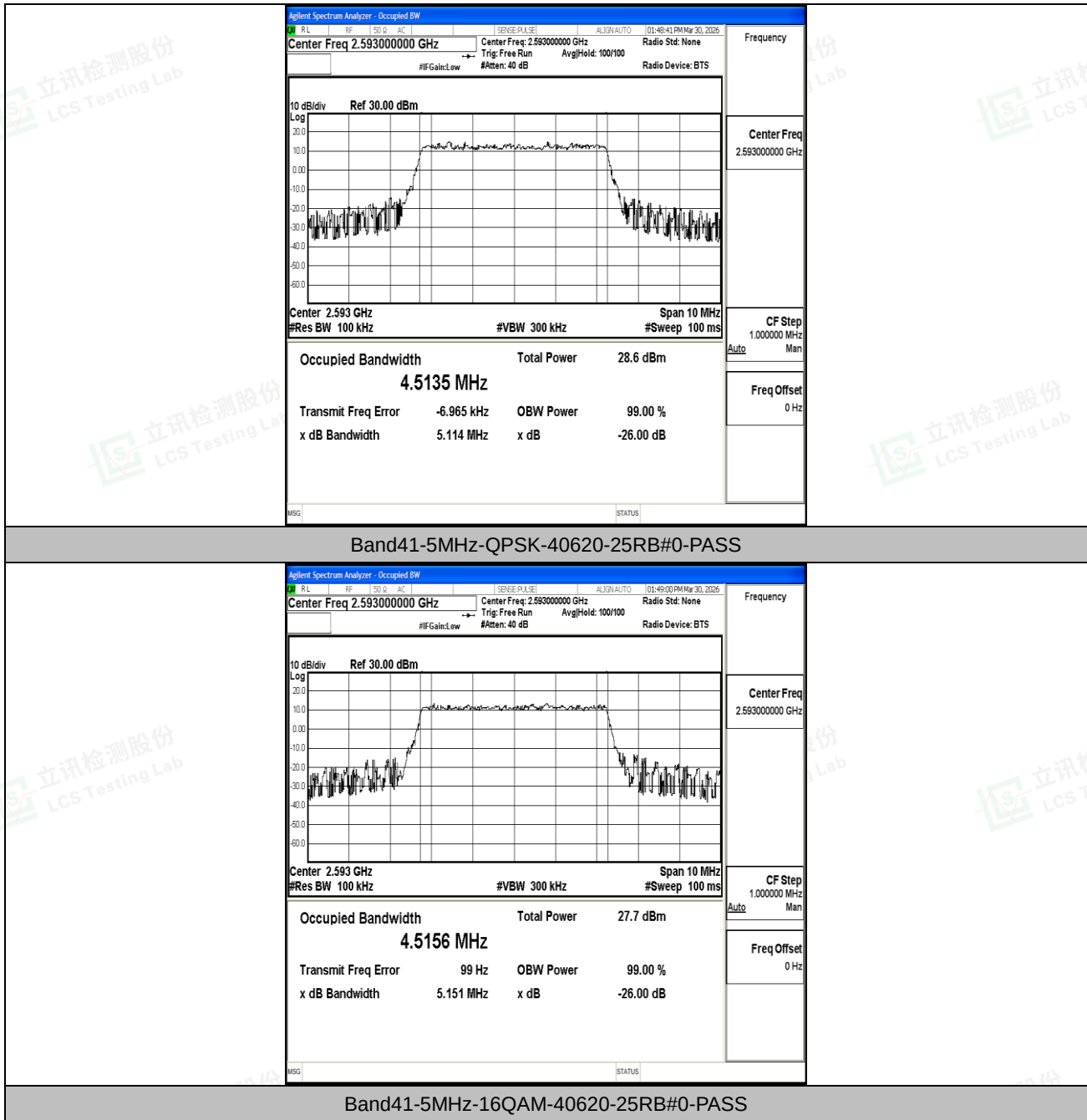
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	5.0229	7.721	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.9833	8.405	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5135	5.114	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5156	5.151	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.3729	4.853	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.3499	4.804	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.8913	10.02	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.0287	11.77	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9810	10.28	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9639	9.866	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.7553	9.418	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.1602	9.593	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.298	15.85	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.160	17.97	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	14.75	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.321	14.76	PASS
Band41	15MHz	QPSK	41515	75RB#0	11.854	14.22	PASS
Band41	15MHz	16QAM	41515	75RB#0	12.368	14.18	PASS
Band41	20MHz	QPSK	39750	100RB#0	16.611	20.74	PASS
Band41	20MHz	16QAM	39750	100RB#0	16.743	20.39	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.976	19.42	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.917	19.49	PASS
Band41	20MHz	QPSK	41490	100RB#0	16.097	18.80	PASS
Band41	20MHz	16QAM	41490	100RB#0	16.760	18.87	PASS

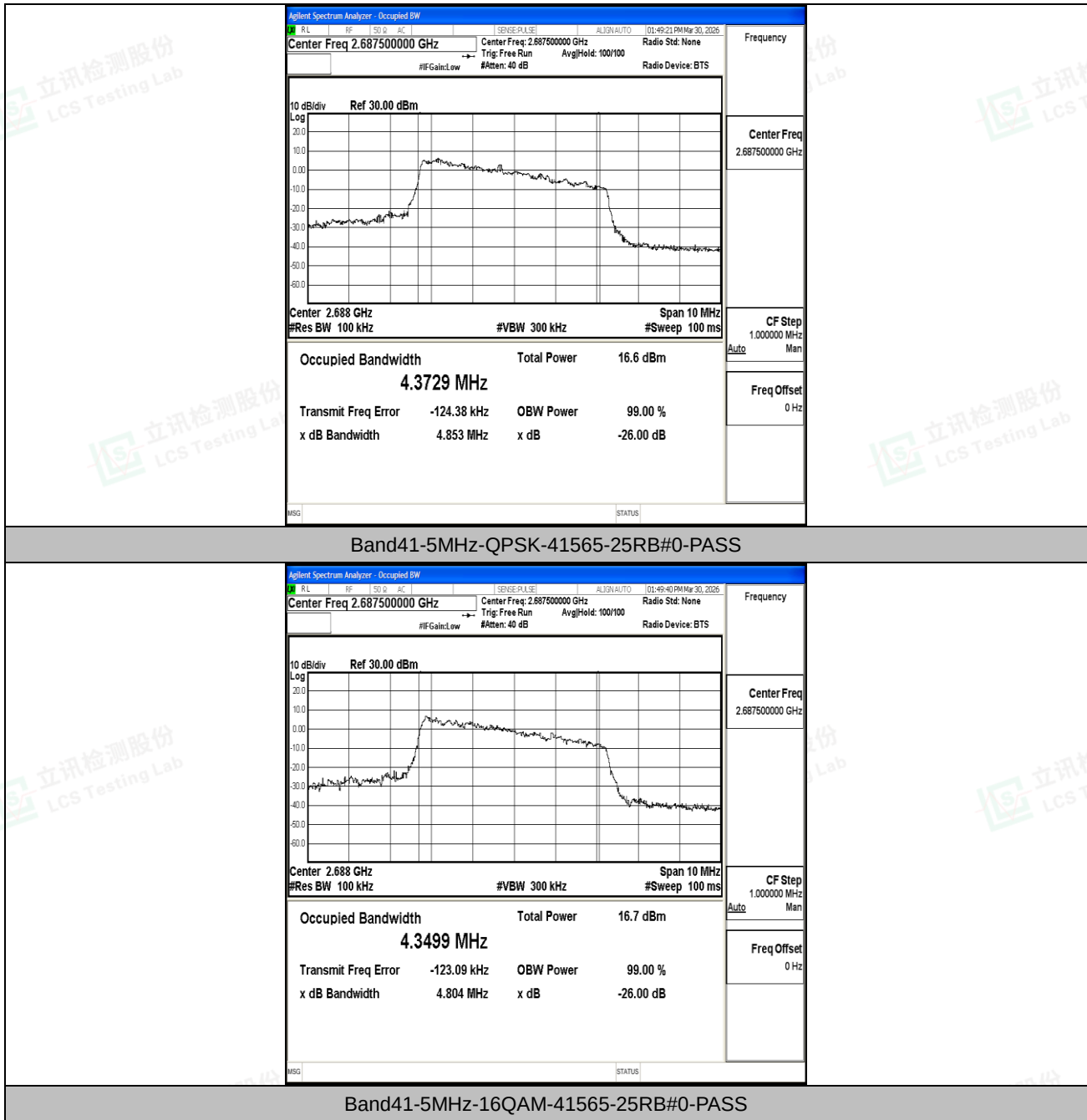


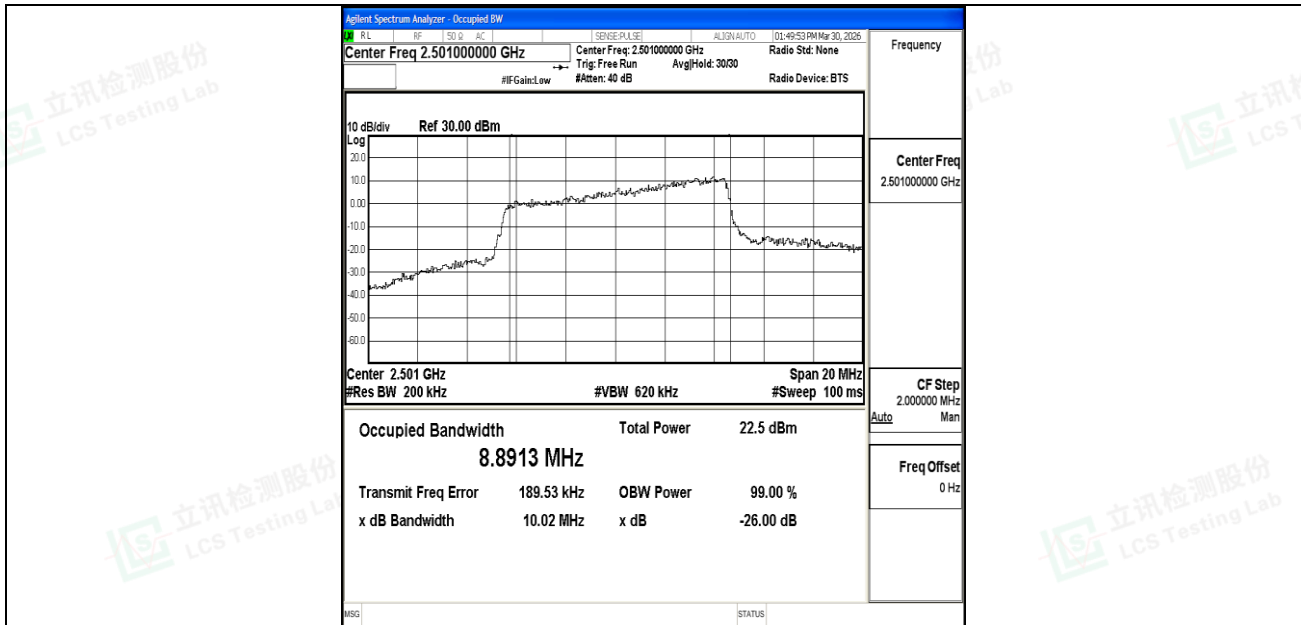


Test Graphs

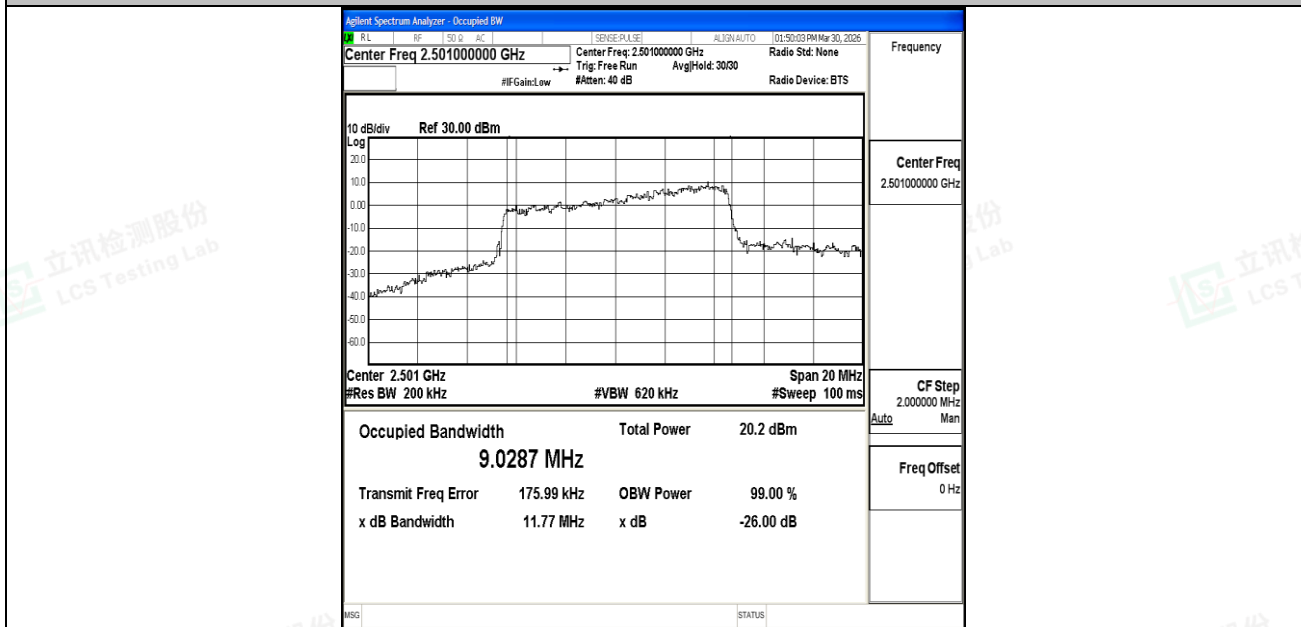






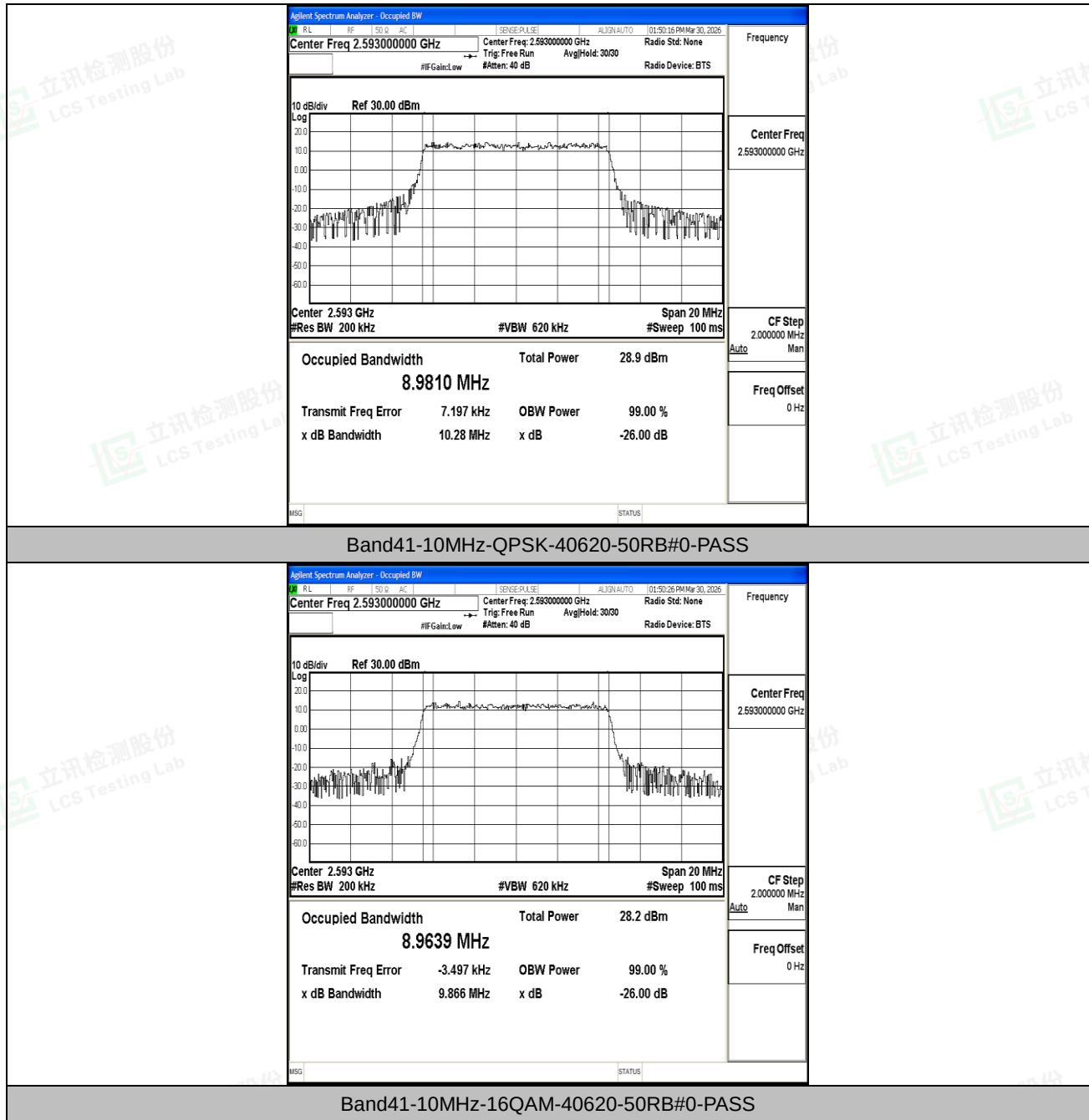


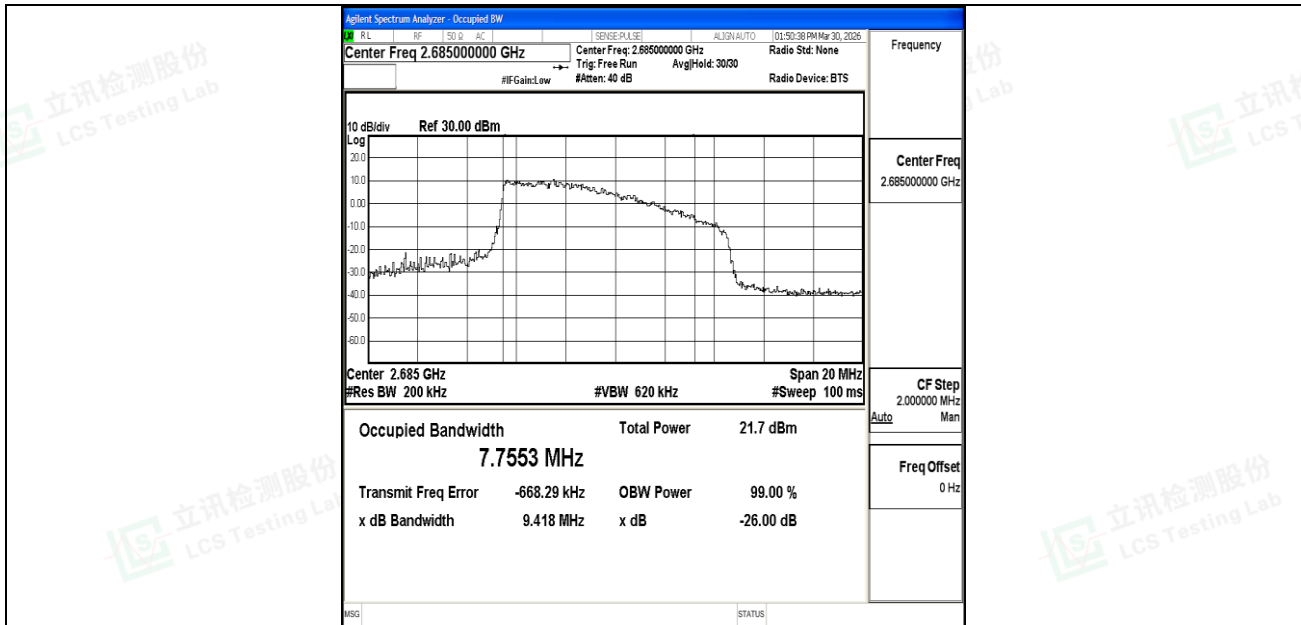
Band41-10MHz-QPSK-39700-50RB#0-PASS



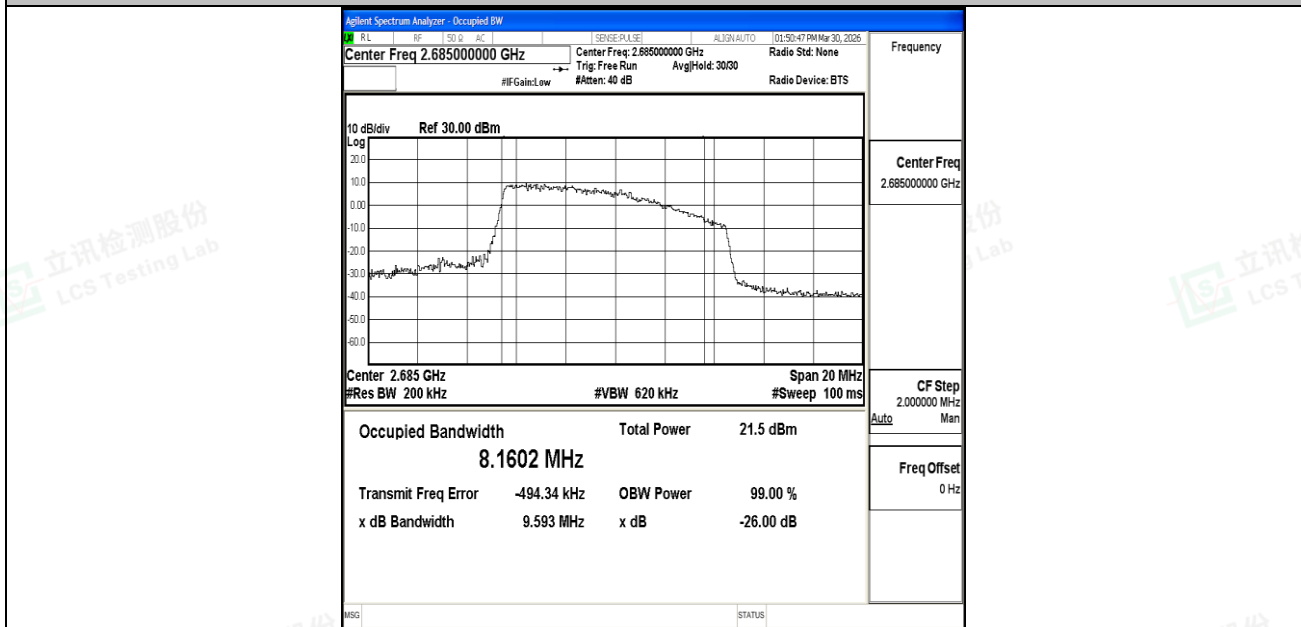
Band41-10MHz-16QAM-39700-50RB#0-PASS





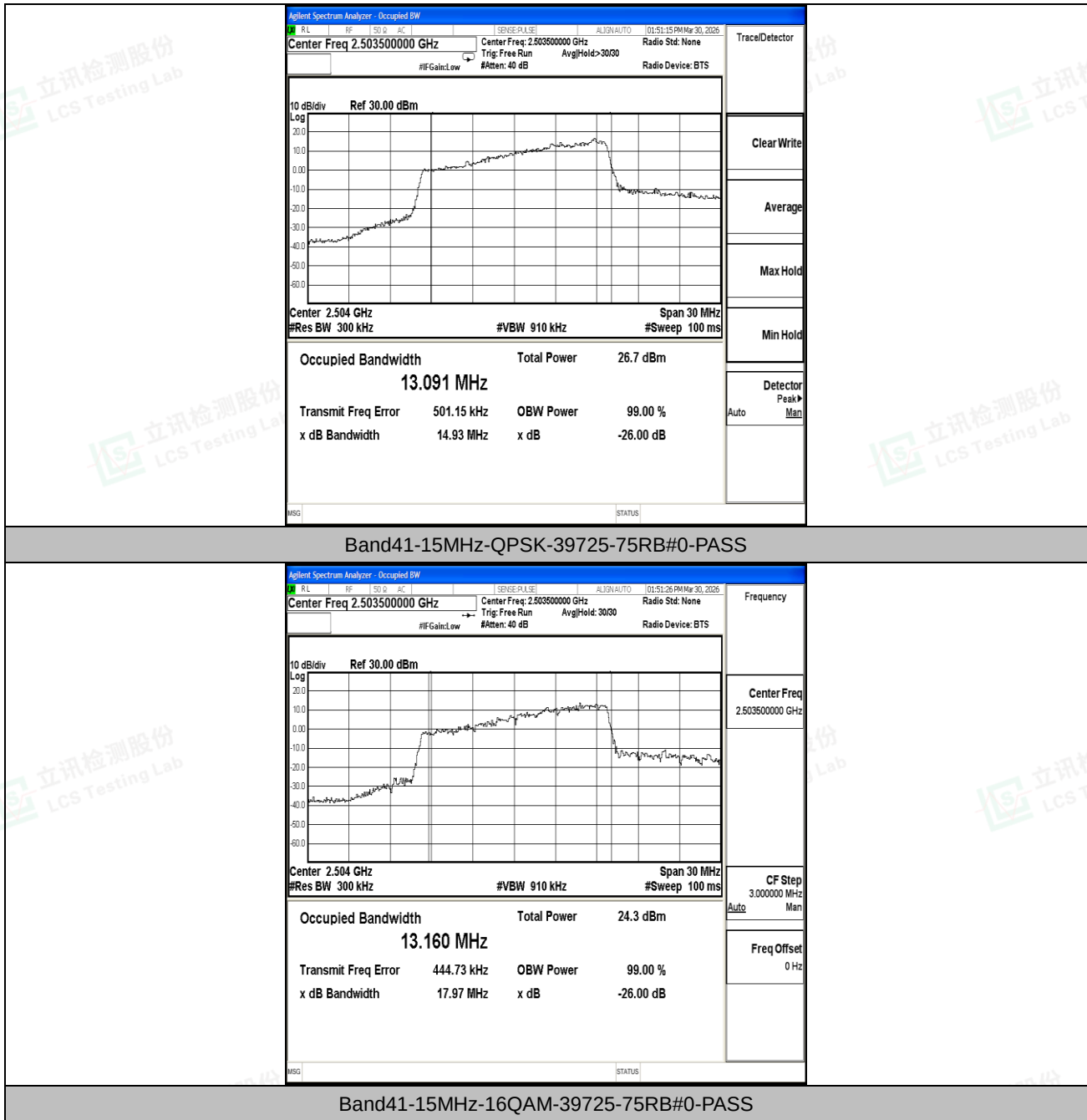


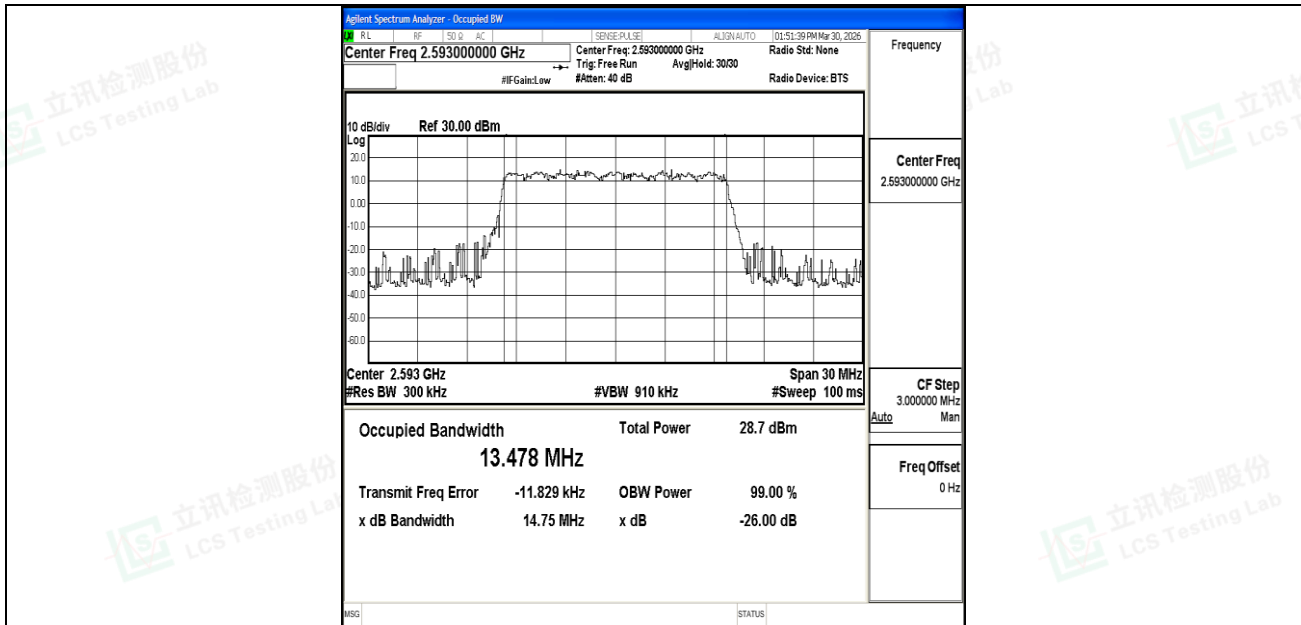
Band41-10MHz-QPSK-41540-50RB#0-PASS



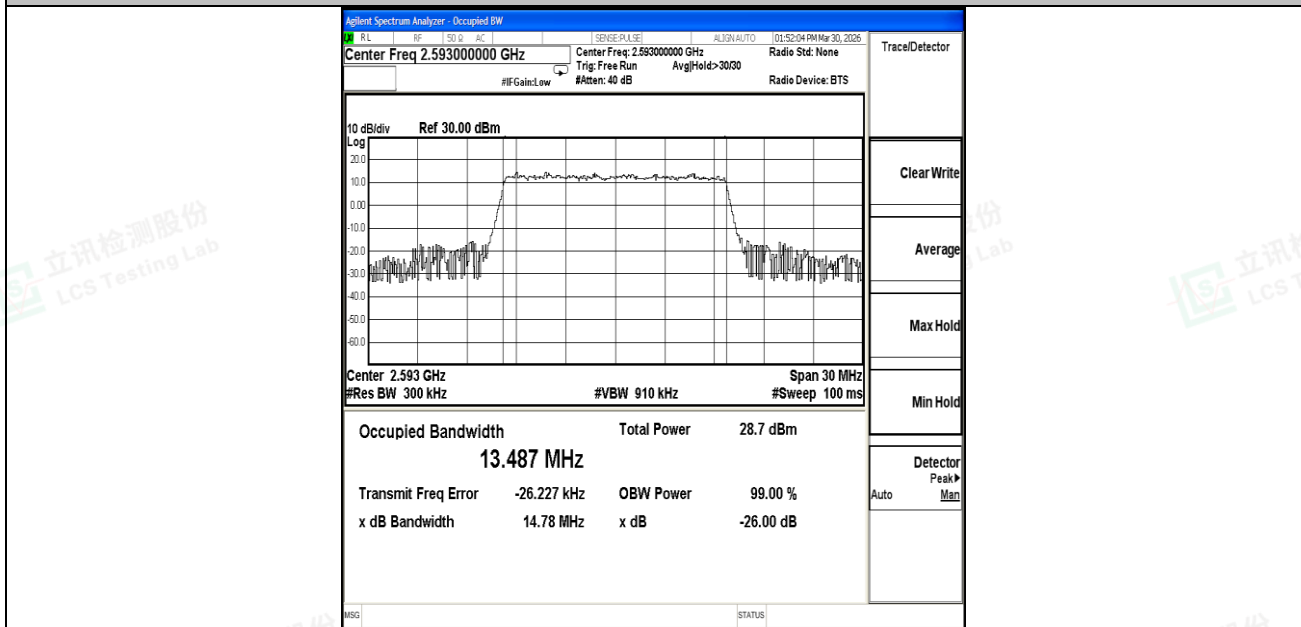
Band41-10MHz-16QAM-41540-50RB#0-PASS





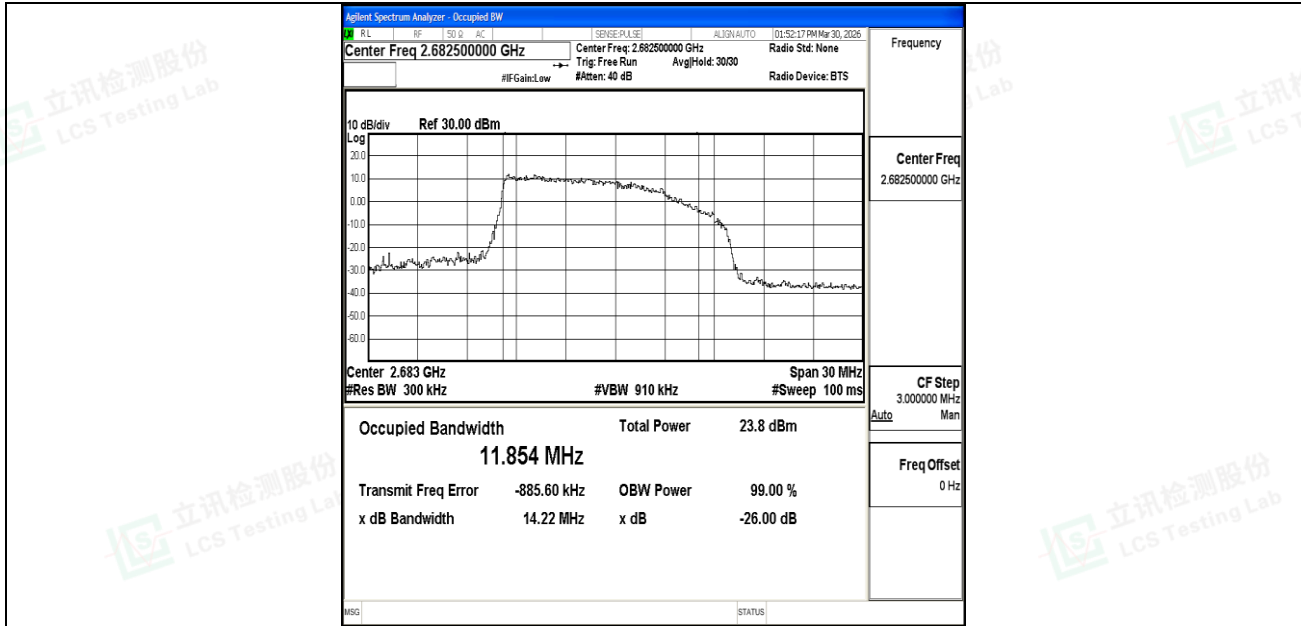


Band41-15MHz-QPSK-40620-75RB#0-PASS

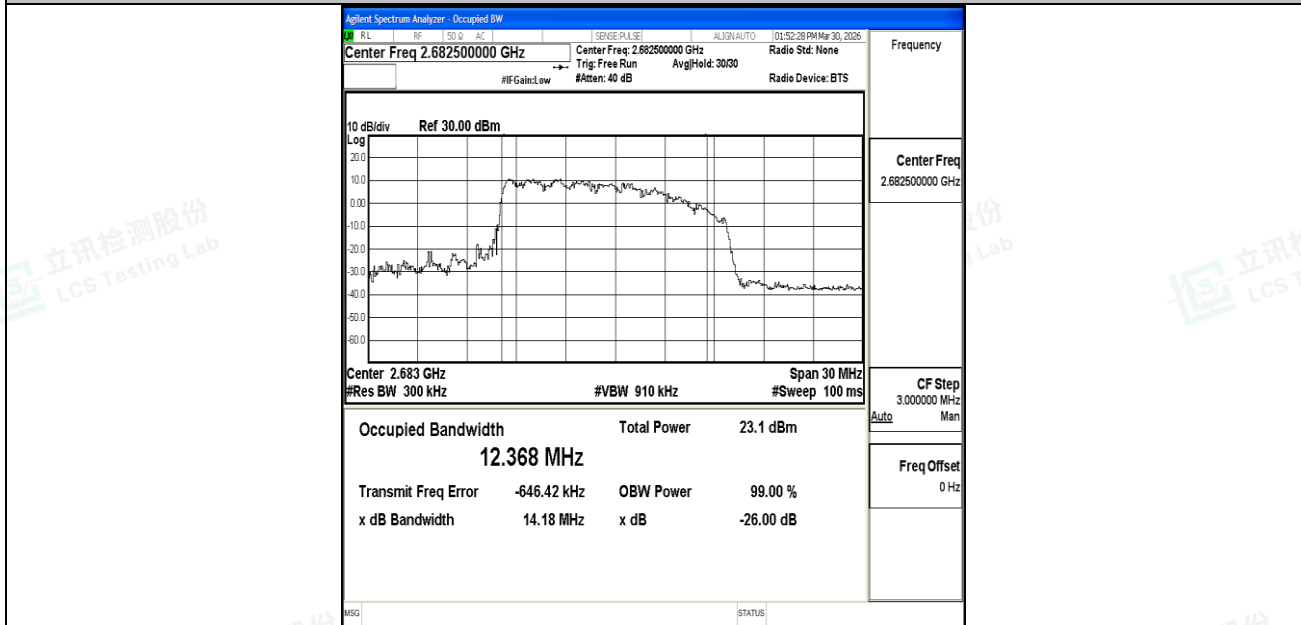


Band41-15MHz-16QAM-40620-75RB#0-PASS



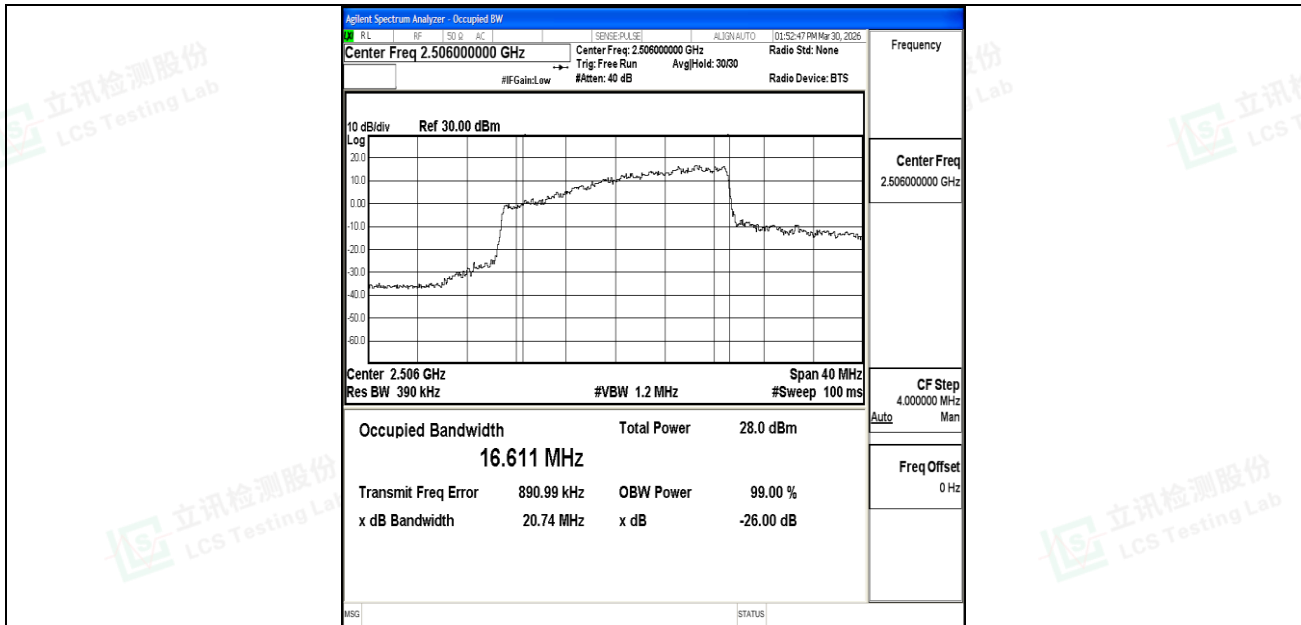


Band41-15MHz-QPSK-41515-75RB#0-PASS

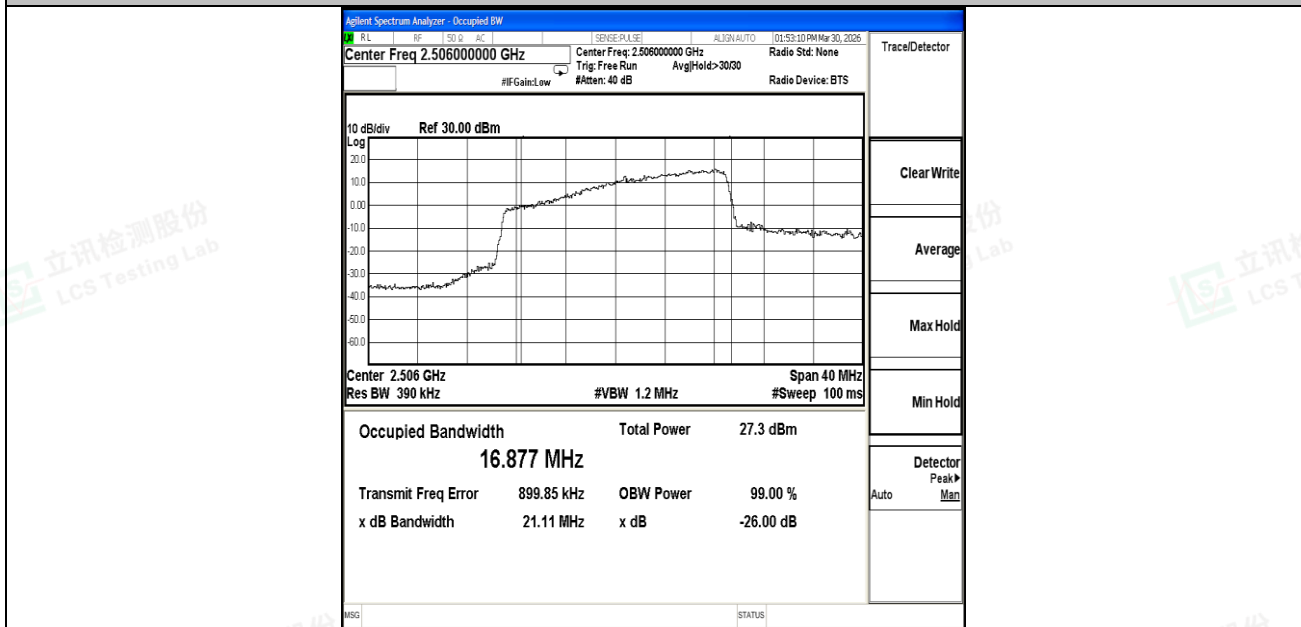


Band41-15MHz-16QAM-41515-75RB#0-PASS



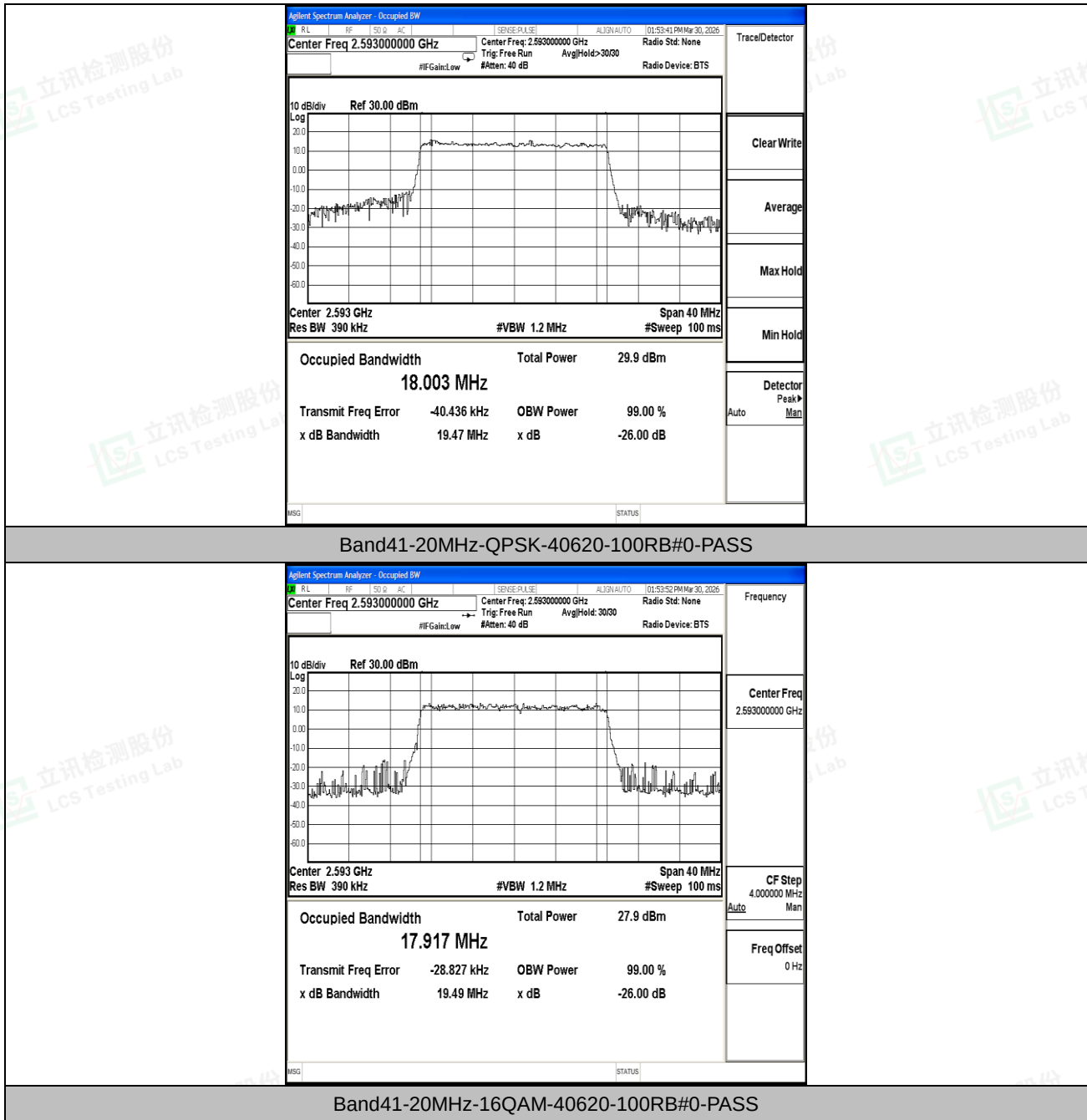


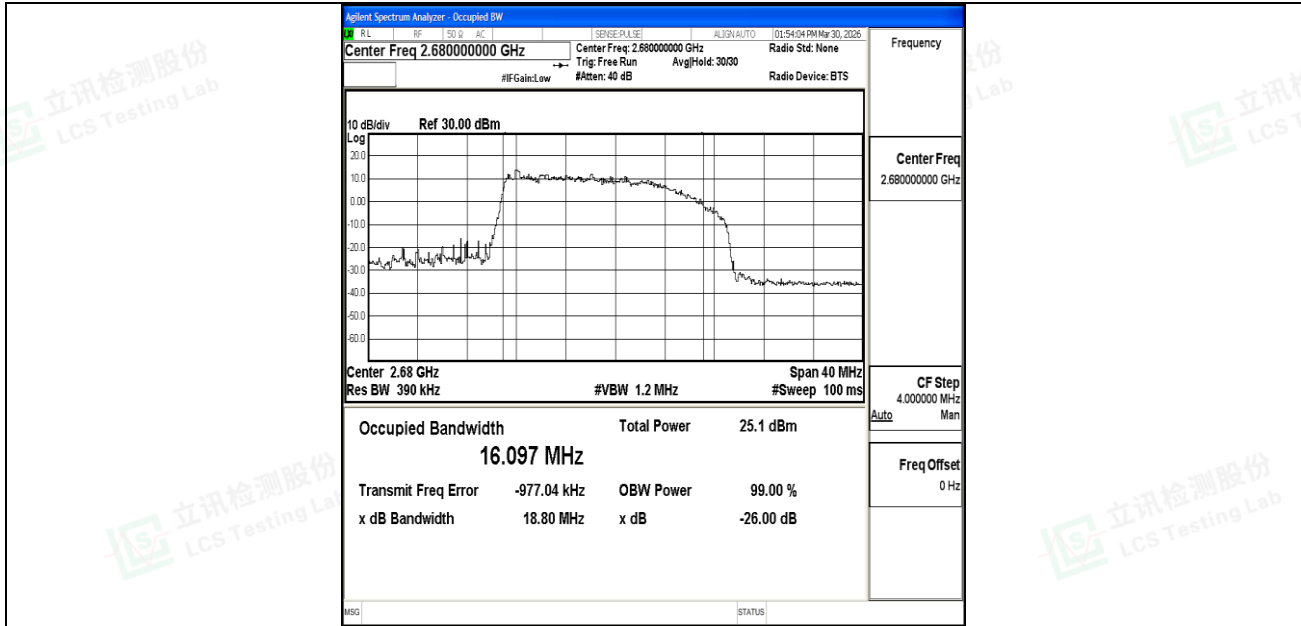
Band41-20MHz-QPSK-39750-100RB#0-PASS



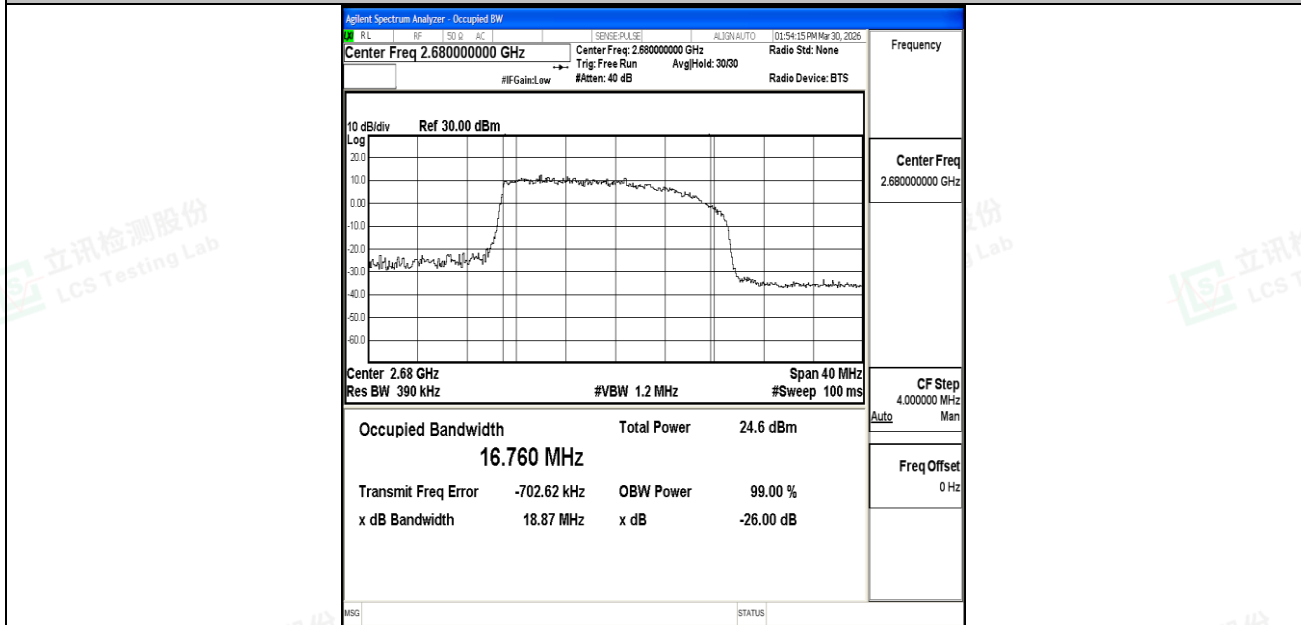
Band41-20MHz-16QAM-39750-100RB#0-PASS







Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



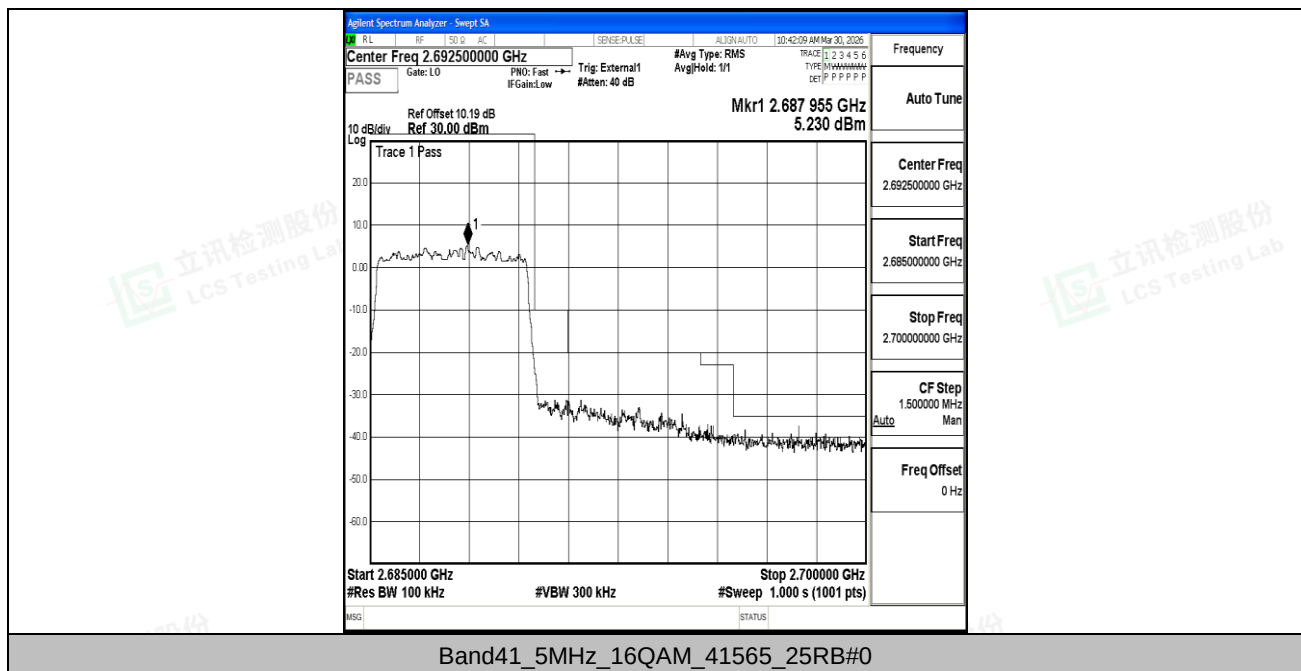


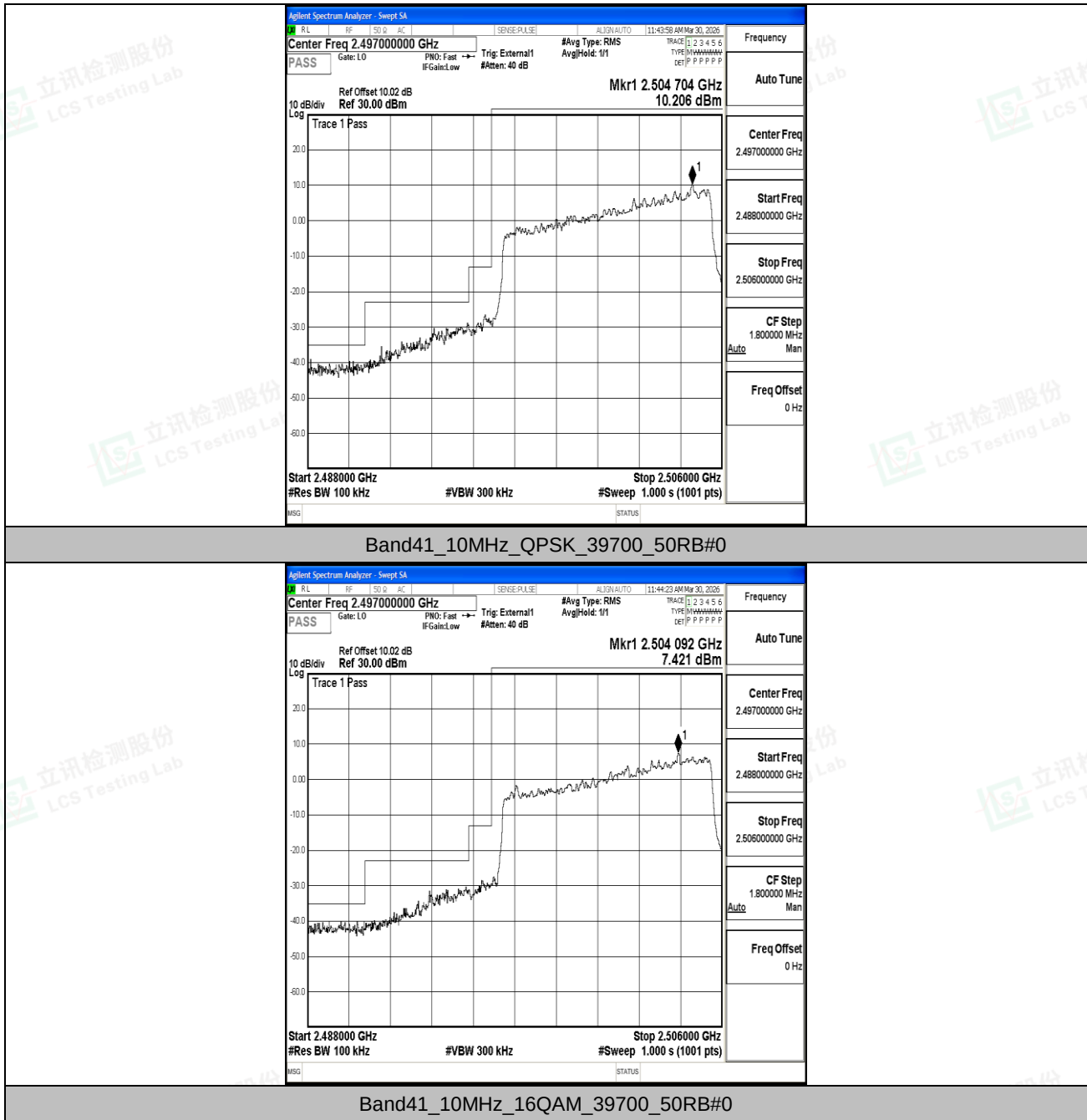
K.4 Band Edge

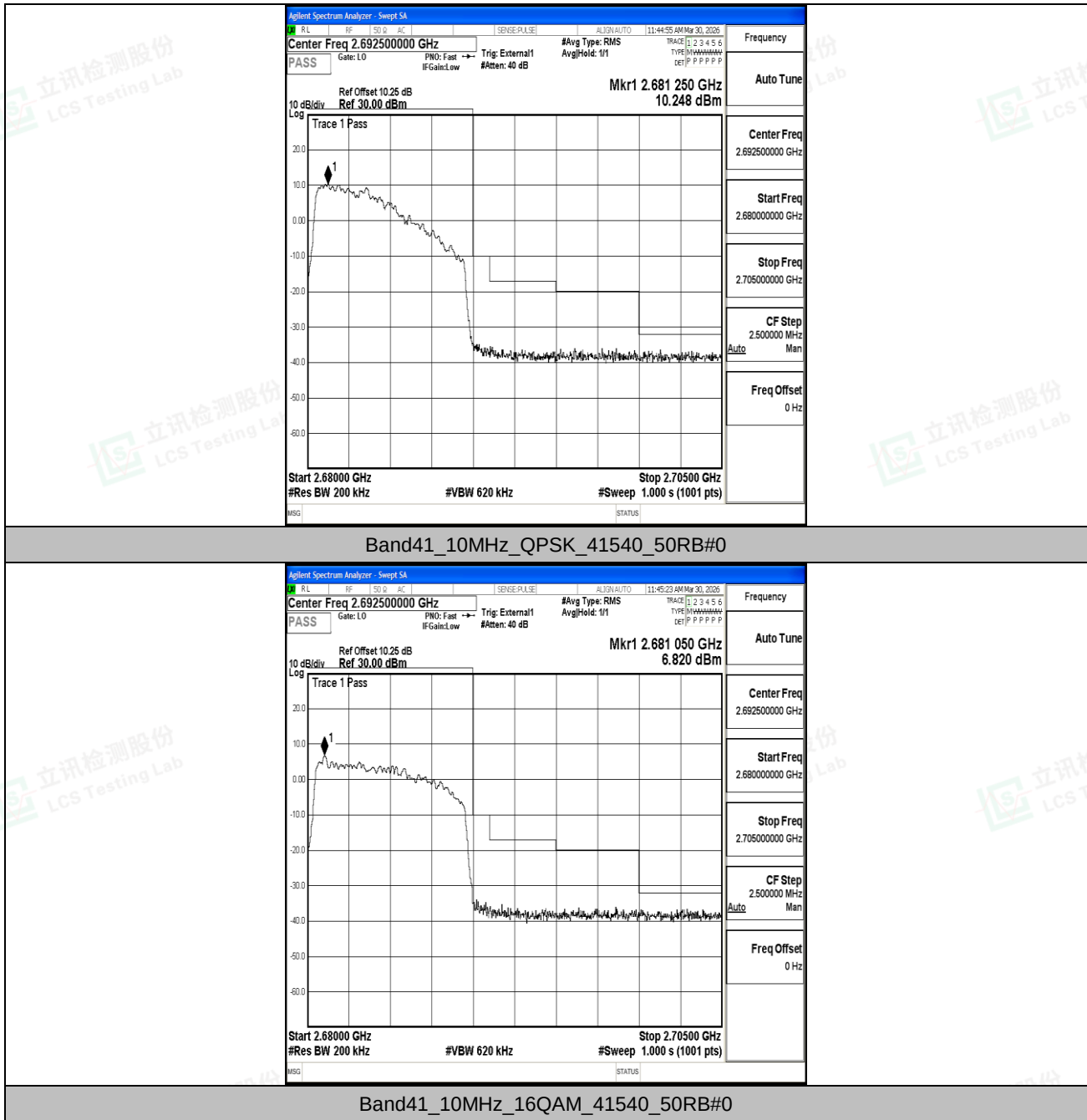
Test Result

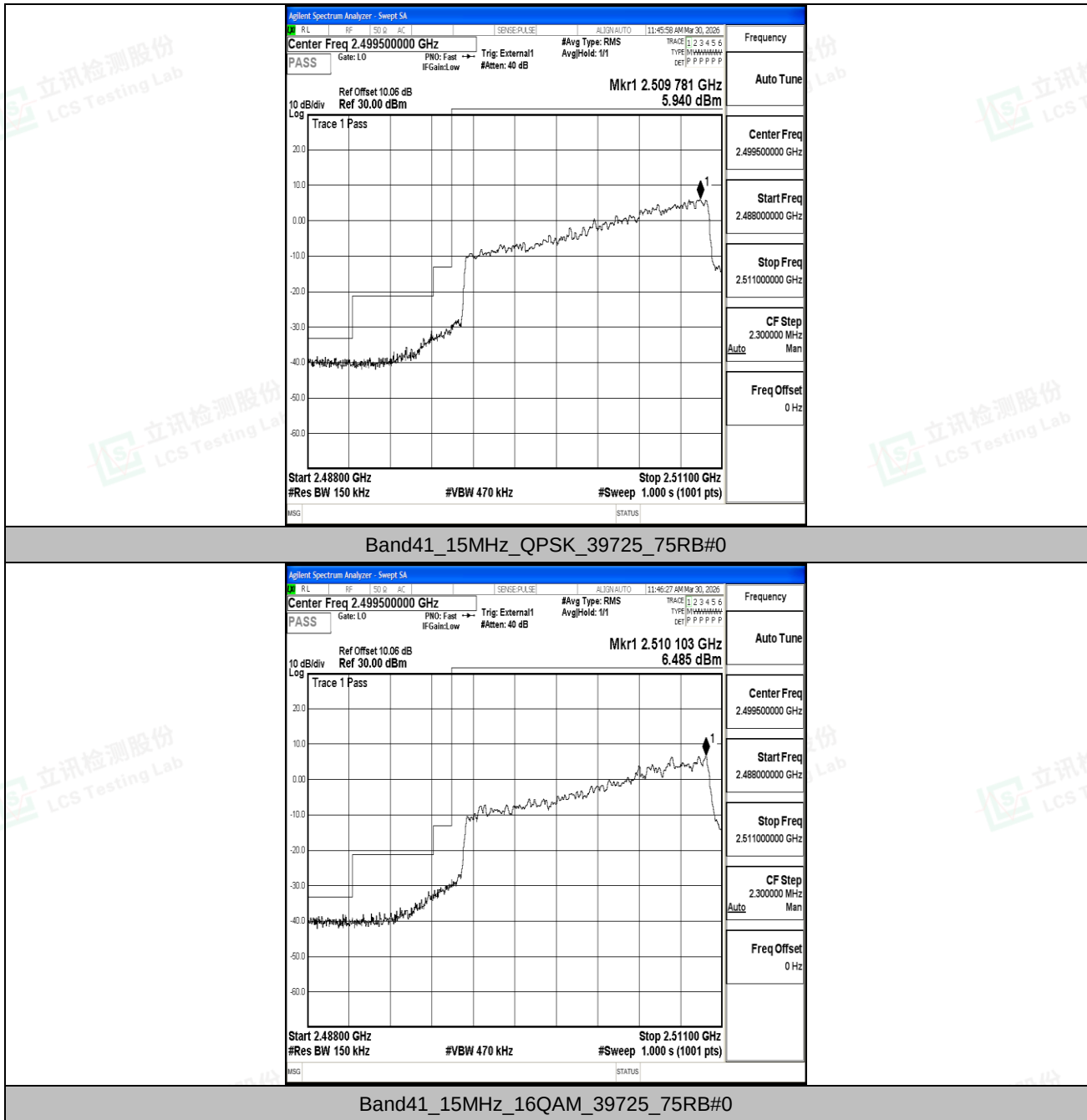
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	16QAM	41565	25RB#0	2697.96	-37.28	PASS
Band41	10MHz	QPSK	39700	50RB#0	2488.14	-39.02	PASS
Band41	10MHz	16QAM	39700	50RB#0	2488.05	-39.90	PASS
Band41	10MHz	QPSK	41540	50RB#0	2701.28	-36.49	PASS
Band41	10MHz	16QAM	41540	50RB#0	2702.90	-36.62	PASS
Band41	15MHz	QPSK	39725	75RB#0	2488.55	-38.27	PASS
Band41	15MHz	16QAM	39725	75RB#0	2489.98	-38.13	PASS
Band41	15MHz	QPSK	41515	75RB#0	2705.28	-33.82	PASS
Band41	15MHz	16QAM	41515	75RB#0	2707.94	-34.59	PASS
Band41	20MHz	QPSK	39750	100RB#0	2489.48	-37.27	PASS
Band41	20MHz	16QAM	39750	100RB#0	2488.64	-36.70	PASS
Band41	20MHz	QPSK	41490	100RB#0	2712.75	-32.73	PASS
Band41	20MHz	16QAM	41490	100RB#0	2712.39	-32.92	PASS
Band41	5MHz	QPSK	39675	25RB#0	2489.73	-40.01	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.11	-40.51	PASS
Band41	5MHz	QPSK	41565	25RB#0	2696.96	-37.36	PASS

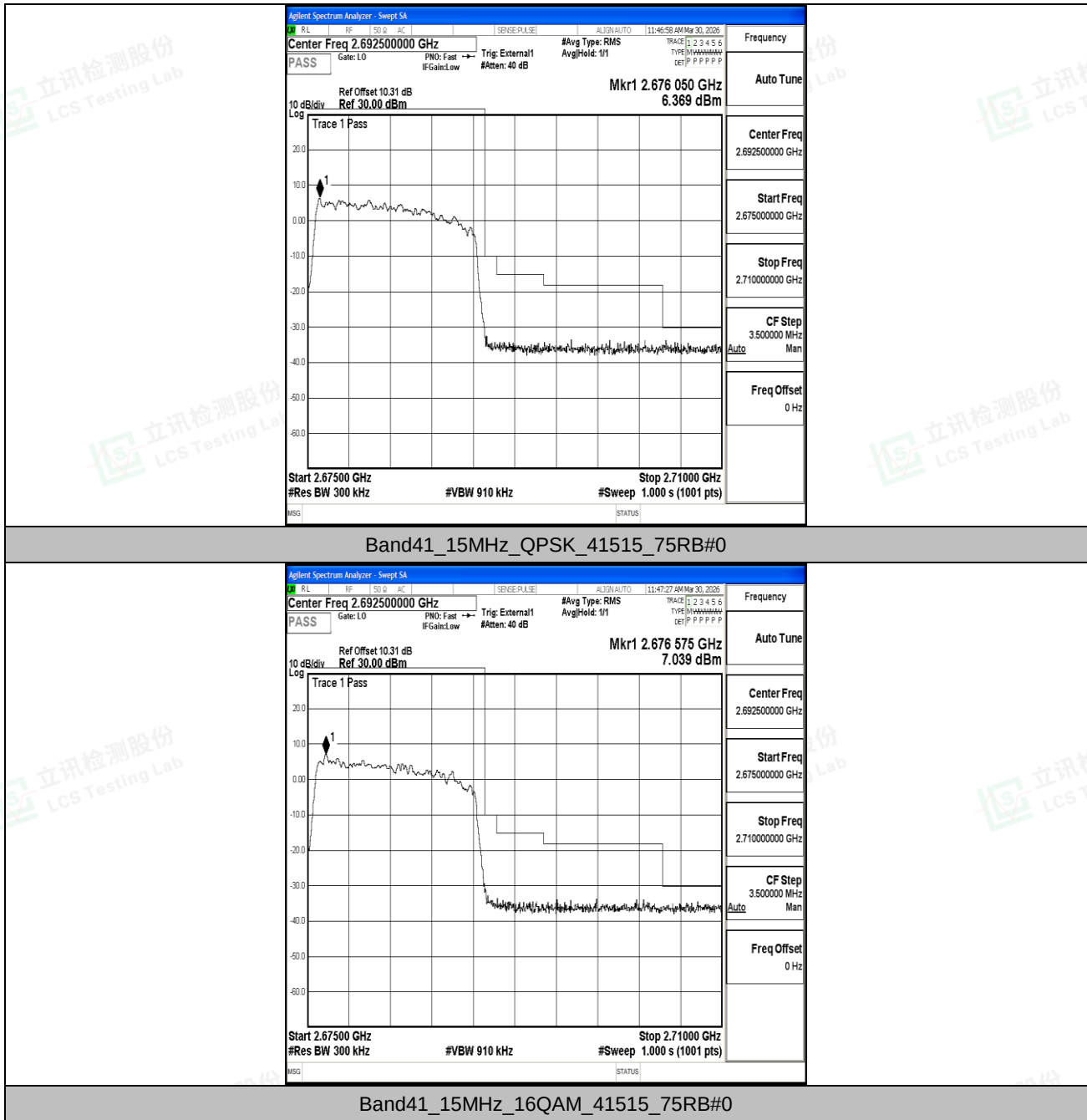
Test Graphs

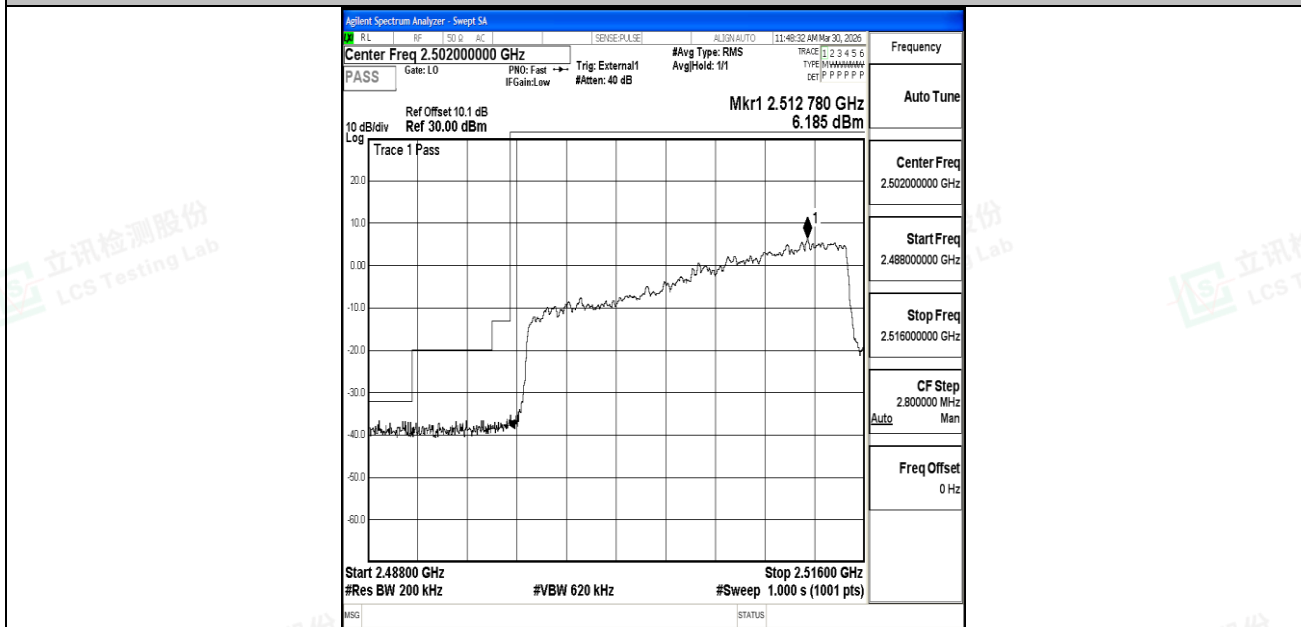
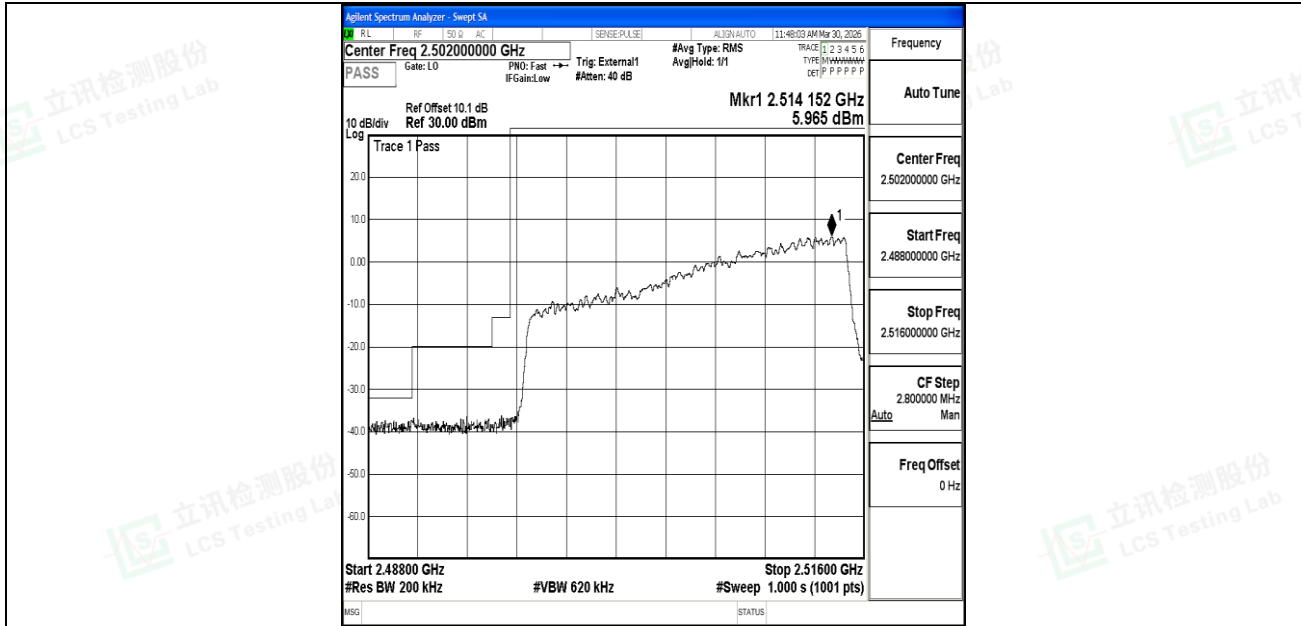


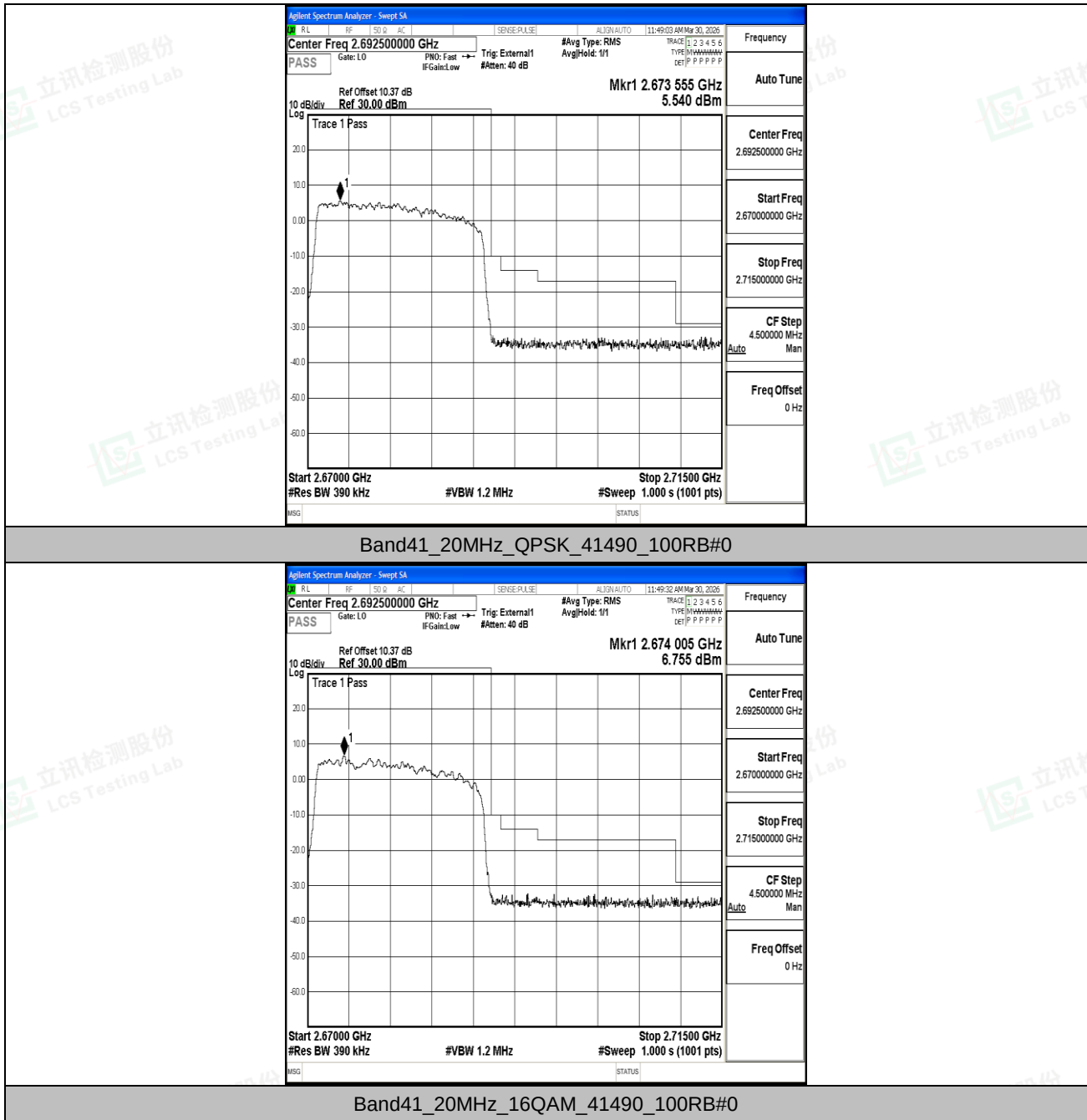


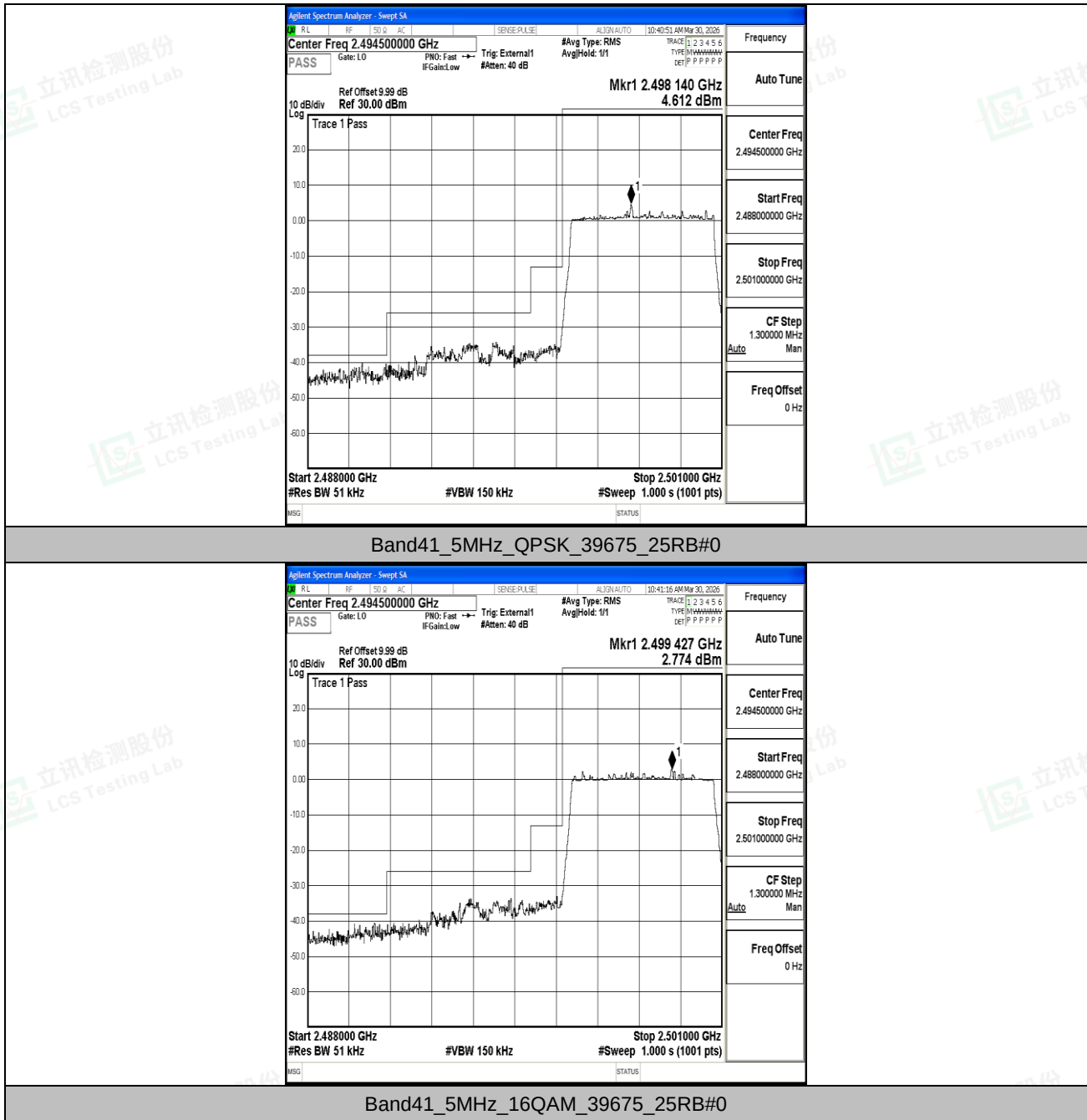


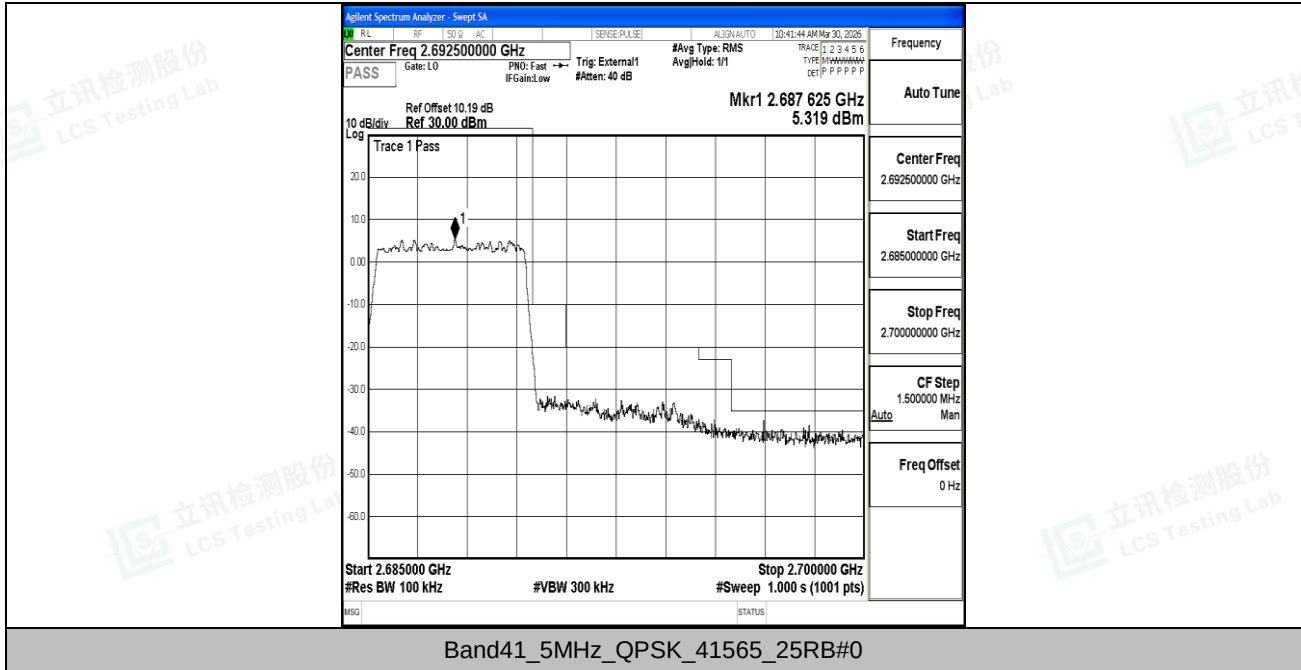














K.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	-64.14	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-60.28	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-51.45	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-26.85	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-34.67	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-65.51	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-60.33	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-51.72	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-27.33	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-34.54	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-64.05	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-48.23	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-50.78	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-27.22	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-33.91	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-65.15	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-46.98	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-51.62	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-27.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-34.12	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-63.37	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-59.64	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-51.85	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-27.05	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-33.82	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-65.84	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-60.45	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-51.47	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-26.76	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-34.82	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-64.60	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-59.10	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-50.48	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-26.91	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-35.11	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-64.11	PASS





Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-58.28	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-51.71	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-26.43	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-34.78	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-64.72	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-46.78	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-51.55	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-26.24	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-34.40	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-63.84	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-45.64	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-51.09	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-26.29	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-34.01	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-64.27	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-59.05	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-51.84	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-26.65	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-33.83	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-63.29	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-53.72	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-51.01	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-27.52	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-34.48	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-63.52	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-55.24	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-51.91	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-25.99	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-34.94	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-64.22	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-58.32	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-50.61	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-27.07	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-34.31	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-59.11	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-47.35	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-51.45	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-26.91	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-34.45	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-65.89	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-47.86	PASS
Band41	15MHz	16QAM	40620	1RB#0	30~1000	-51.12	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-26.97	PASS





Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-35.29	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-64.94	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-58.83	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-51.68	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-26.30	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-34.93	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-61.56	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-57.97	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-50.82	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-26.87	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-34.63	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-63.62	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-59.04	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-51.56	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-26.94	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-34.62	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-64.22	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-57.69	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-51.42	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-27.36	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-34.41	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-63.61	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-48.82	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-51.21	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-25.90	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-35.27	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-64.34	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-46.51	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-50.93	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-26.68	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-34.89	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-63.83	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-58.50	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-51.31	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-27.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-34.72	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-63.62	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-59.41	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-51.70	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-26.71	PASS
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-35.17	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

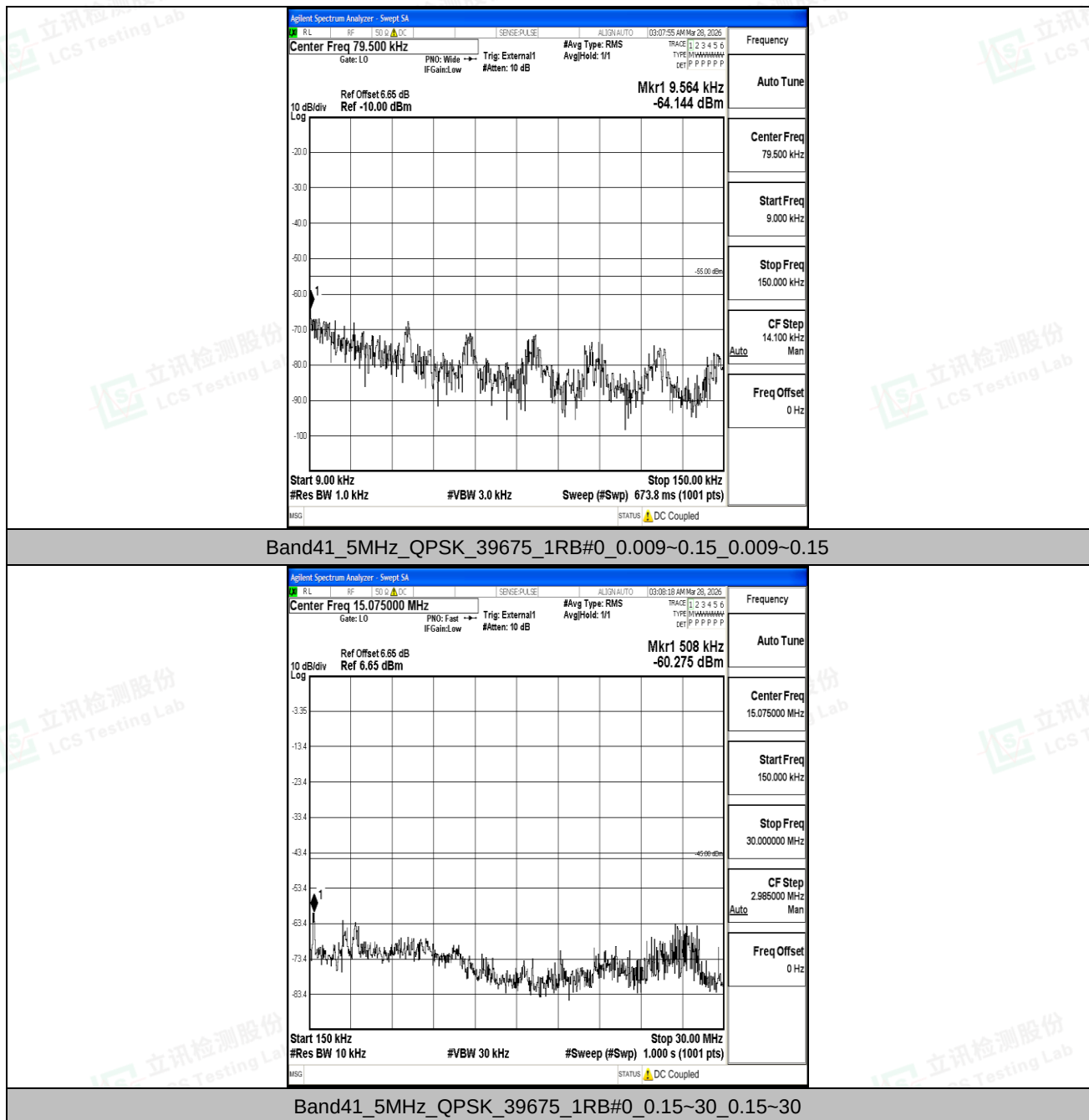
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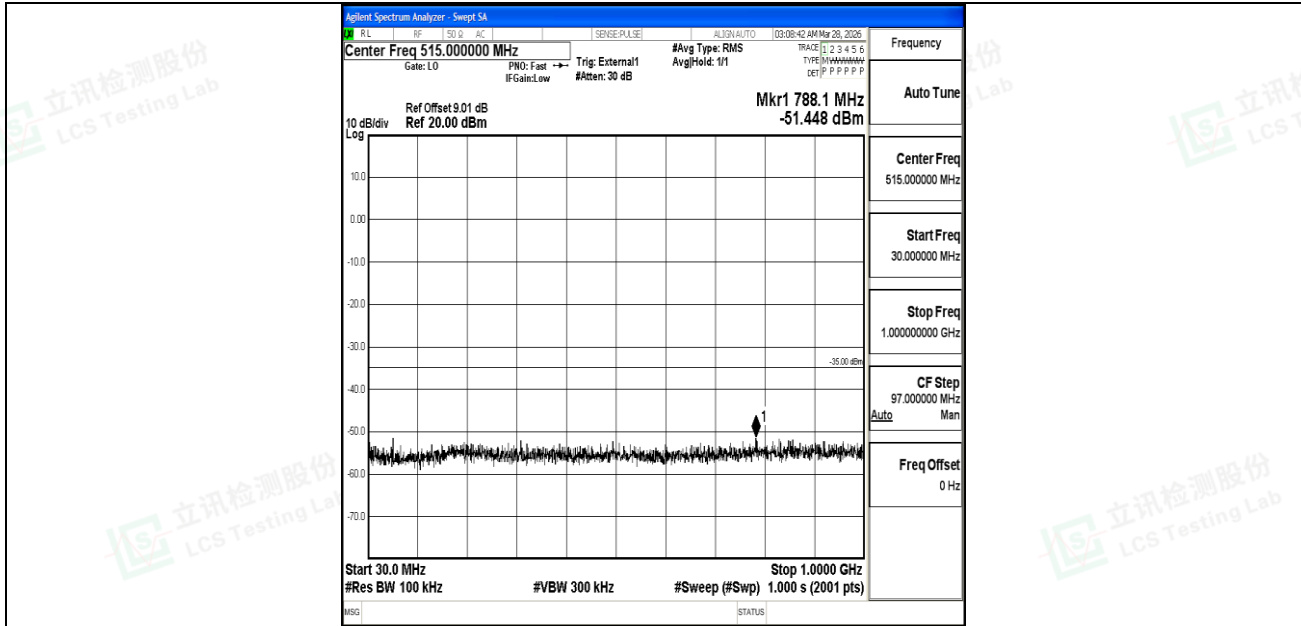
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

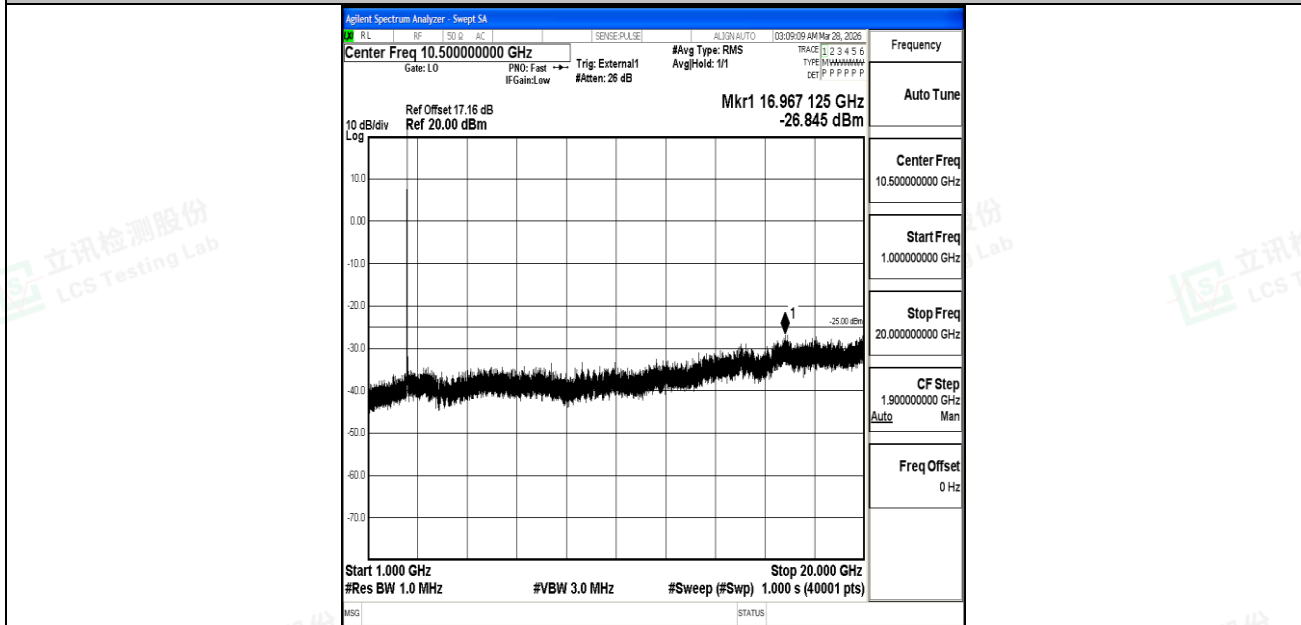


Test Graphs



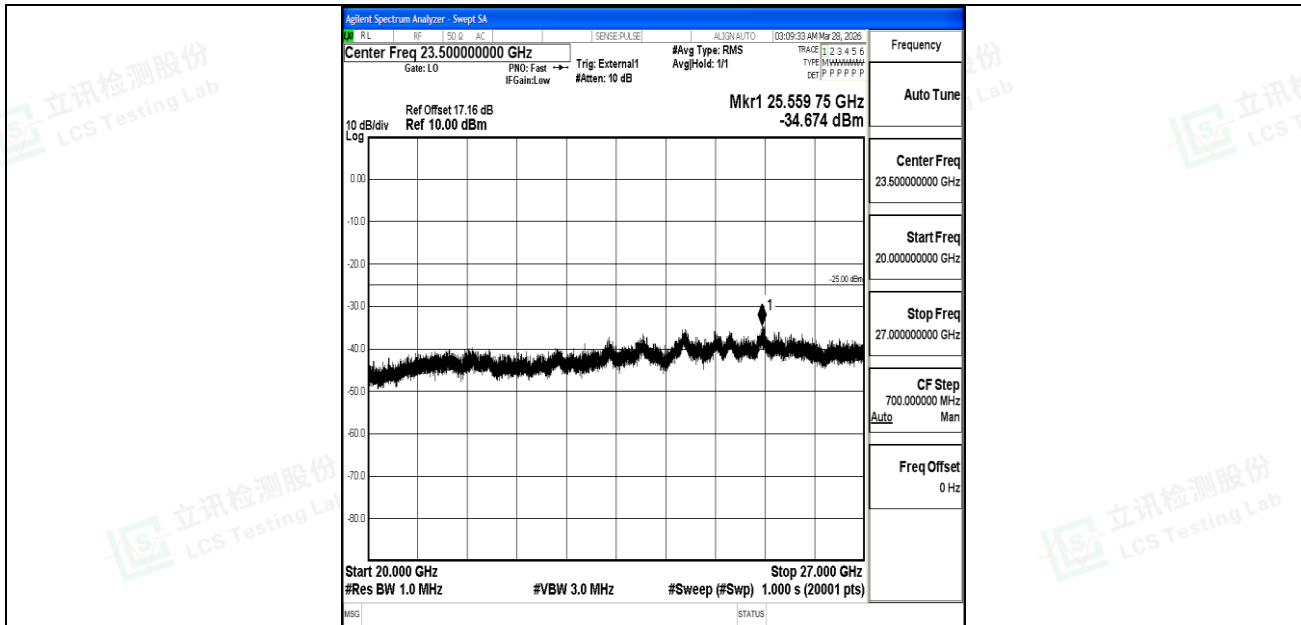


Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000

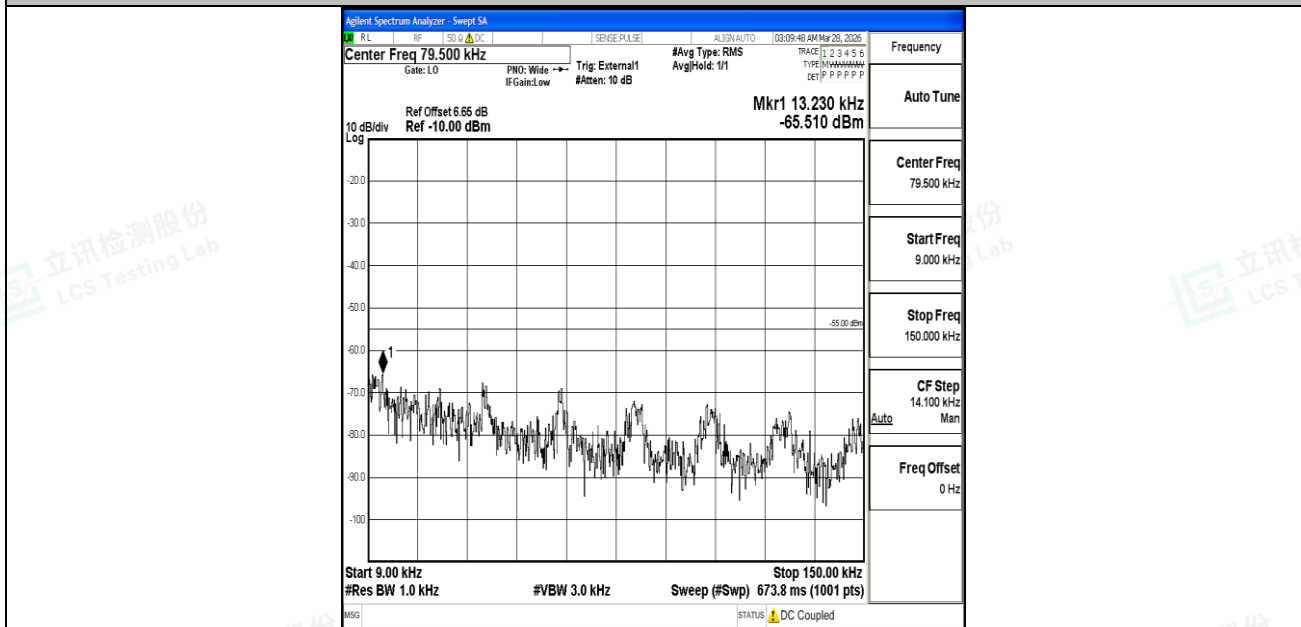


Band41_5MHz_QPSK_39675_1RB#0_1000~20000_1000~20000



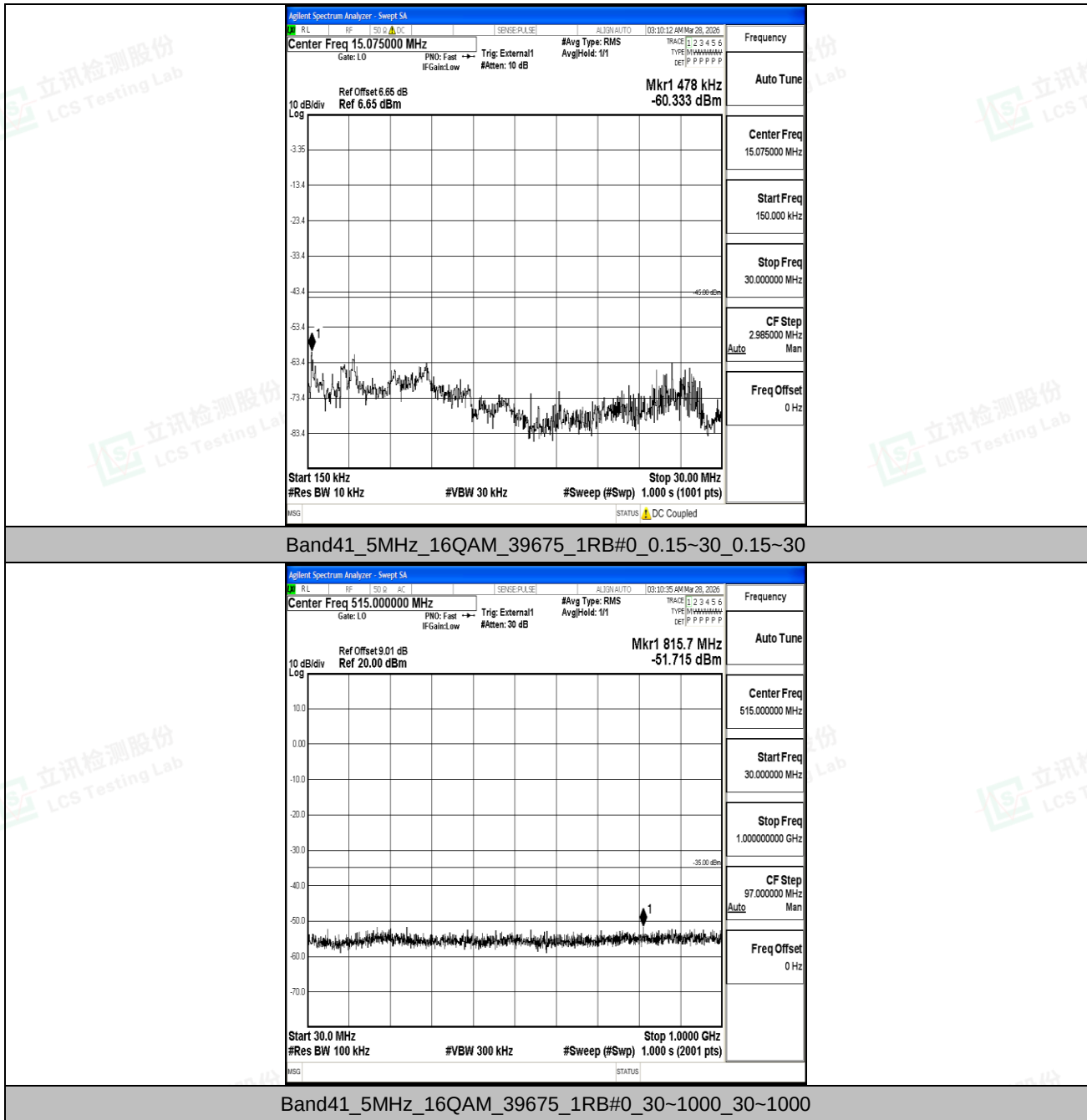


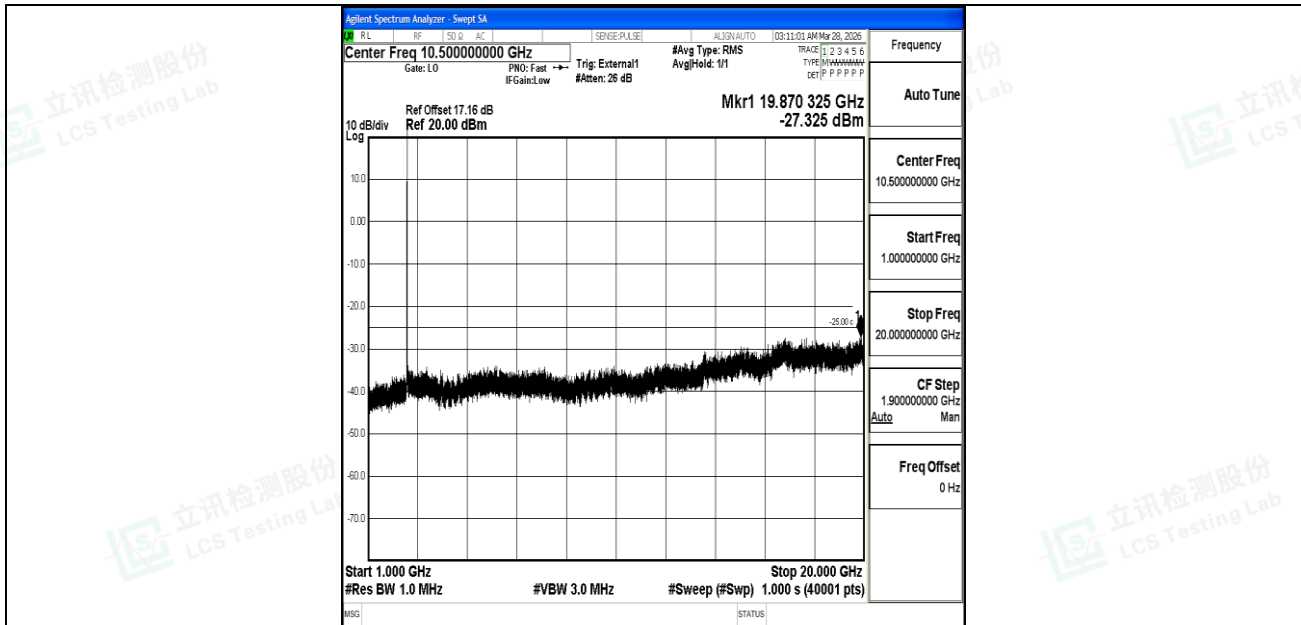
Band41_5MHz_QPSK_39675_1RB#0_20000~27000_20000~27000



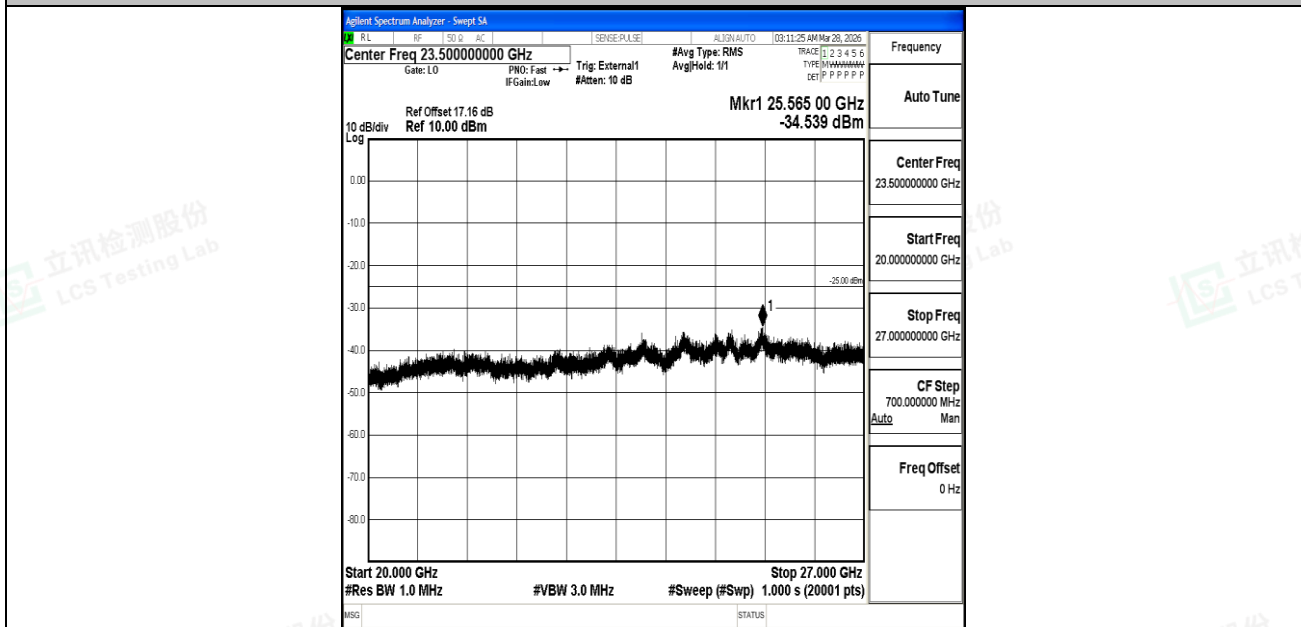
Band41_5MHz_16QAM_39675_1RB#0_0.009~0.15_0.009~0.15







Band41_5MHz_16QAM_39675_1RB#0_1000~20000_1000~20000



Band41_5MHz_16QAM_39675_1RB#0_20000~27000_20000~27000

